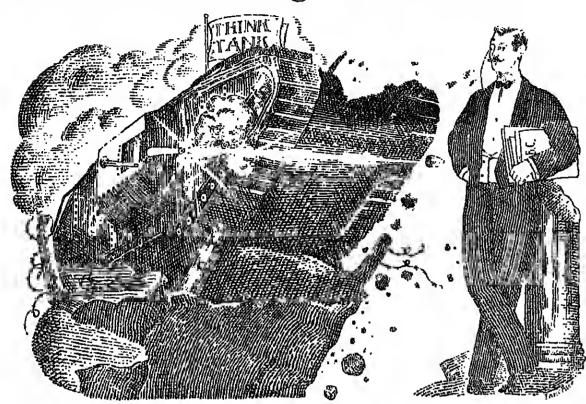
THETIMES

Higher Education

Think tank advice gets return fire



The Central Policy Review Staff's controversial call for the complete abolition of the British Council and the smaller agencies concerned with educational work abrond has met

The British Council, which is dready preparing a widerated in dictiment for submission, to the Government defording; its continued oxistence, has rejected both the central set of options in the report and the Inter-University Council, which could also face abolition, has alleged the think-tank louin acted as a "bolldozer".

tained this week that its future would be secure even if the more

this council also opposed the suggestion that the DES should take the suggestion that the total number of the suggestion that the suggestion that

would be secure even if the more radical projosels of the report, which call for an expaniled Donartment of Education and Science and the importance of cultural, ment of Education and Science and the importance of cultural, educational and scientific conjection in Britain's role in the modern that second set a faptions which would, if accepted, allow it to remain es a froe-standing organization.

But Sir John Liewallyn, director general of the British Council, has been outspokenly critical of the report's proposals. If they were accepted it would lead to a loss of the recommendations in the solidar and possibly entailed its abolition. Some recommendations

It could, he conceiled, work effoc-tively with the second set of optimes which proposed the staffing of Government missions overseas nut-side the British Council. It would

Main recommendations of the Berrill report

Countries, Insteed their work should be transferred to a new recruitment

Warnock's new back, Schools

training cut-backs OU course planning

The think-tonk report recammended:

The abolition of the British Council and the scrapping of the smaller agencies hardeding the Inter-University Council, the Central Bureau for Educational Visits and Exchanges out the Technical Education and Training Organization for Overseas to the Arts Cooncil.

The raviaw team maked its first of the remoining culmatic posts. It claims that the decentral work of the Arts Cooncil matic posts. It claims that:

The transfer of the remoining culmatic posts. It claims that:

The transfer of the remoining culmatic posts. It claims that:

The transfer of the remoining culmatic posts. It claims that:

The provision and administration of educational oid should be given high priority in doveloping cauntics service with resident DES and Coloral work overseas to the diplomatic service with resident DES and Coloral work overseas to the diplomatic posts. It claims that:

cauntaios.

Expenditura in non-Communiot Somewillo

Countries instead their work should be trained to a new recruitment options but also puts forward a was maintained steff should be suband placement agency in the United Kingdom.

The raviaw team maked it sites developed countries should be subthat it favours these particular that it favours that

Expulsion ruling overturned NEXT WEEK

Bernard Holloway on graduate Torry Keefe on education in prisons Grenville Wall reviews Mary

Women: the losers in feacher

An appeals committee at Essox tultion fees. Ten athers were aus University has rejected the recommondations of the university's oxpulsion if they caused further trouble, and the rost charged fines students be expelled for their particular and fines up to been given a variety of penalties, including exclusion and fines up to fine appeals committee, which comprises two members of otaff and students has now heard about \$1.0\text{hin} as now heard about \$1.0\text{hin} as now heard about \$1.0\text{hin} as five are among suma 70 students who were electplined for their involvement in occupations to fine appeals committee. Which students who were electplined for their involvement in occupations and fines up to students who were electplined for their involvement in occupations and fines up to students who were electplined for the appeals committee, which students who heard about \$1.0\text{hin} as five an appeals committee, which students who heard about \$1.0\text{hin} as two members of otaff and a student has now heard about \$1.0\text{hin} as two members of otaff and a student has now heard about \$1.0\text{hin} as two members of otaff and a student has now heard about \$1.0\text{hin} as two members of otaff and a student has now heard about \$1.0\text{hin} as two members of otaff and a student has now heard about \$1.0\text{hin} as two members of otaff and a student has now heard about \$1.0\text{hin} as two members of otaff and a student has now heard about \$1.0\text{hin} as two members of otaff and a student has now heard about \$1.0\text{hin} as two members of the disample. The first are the students are the students are the students as the students are t

Staff not students are keened on modular courses, report sa cases much of the choice in convey by the pyerequisiter to for individual modules and a students are familiar with the outset and are able to fer defined rome or leave optome for alternative romes through structure initially, the objection of the substantially reduced in

Staff are more pathusiastic than students about mudular courses according to Dr W. Boardman, a beturer at Harfield Polytechnic who s on secondarent in the Department

Dr Boardman's pleas is believed in a collection of papers emitted Phoenix from the Ashes? Prospects for Teacher Education published by Countie Lodge, the further edu-cation staff rollege.

afton staff rollege.

He says: "In most cases staff were very embinsiastic album modular causes and felt there was tremendons flexibility in the choice of topics, but in practice this was in connexion with stuffs' town particular interest and the oblitiv slightly to modify a scheme and introduce new ideas as separate matules."

introduce new ideas as separate midules."

In this way suff could change of students tend in congruintheir teaching pattern from one grantine along traditional ling traditional the whole course structure, Sindents, however, saw things distributed was attented a grantine along traditional selection of models. ferently. "The flexibility was attempted a range of ropids, morehere near as real. In many making an "informed" deci-

Oxford results show slight improvement on last year

educational nad cultural relations overseas. "The abollion of the council would be a disaster. We reject both the main options", he covered the important field of said.

The council also opposed the single-stion that the DES should take over responsibility for ethicational optional options and options of the said.

The council also opposed the important field of higher education aid and comperation within and develops of the single-stion that the DES should take optional optional options of the important field of the said options of the important field of the important field of the important field of the important options of the important field of the important field

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comes substantially reduced for stages of many course.

The Woardman's paper as student reactions to the increasing numbers of the schemes have been mixed.

On the broader subject of they have welcomed the open of choice and the ability ha of choice and the ability he their own programme but a stricted schemes most students

not wanted altornatives and

rollege who obtained first grafter to the first lead to a schools, except those the schools, except those the standard minutes of any locing their texture and locing their texture and local times are not method. It percentage that they relieved and of lines are much.

The third table gives poses based on the system dead by Six Arthur Nurrhagion, logs president of Trinfir College lag

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THE TIMES

Fig 18 Education August 19, 1977 No 303 SUPPLEMENT Price 18p

No work unless pay is settled university teachers warn

University lectorers may take the imprecedented action of refusing in teach new similants or take part in edutistical procedures in support of their pay claim.

Officers of the Glasgow Association of University Tenchers' branch have called for an emergency meeting of the AUT connect to discuss progress on pay negotiations and

progress on pny negotiations and what measures should be taken if their demands are not met.

their demands are not inet.

With the agreement of their branch they intend to put forward a motion calling on members to take in part in admission procedures or teaching of new entrants for the session 1977/78 until the Government honours its pledgo to recrify the long-standing anumnly in salaries. The AUT has arranged over recont months for committees et every local association in he in charge in the event of their indostrial action.

other measures being cansidered are refused to mark examination papers, moss opplications for Civil Service jobs, withthraval from Government committees and from oll consultancy work in Civil Service departments, and refusal ta operate university computers often used for Covernments.

university computers often used for Government or industry projects.

An emergency meeting of the AUT council will be called if Glassion obtains the signatures of 18 other council representatives. Glussow itself has soppilled seven.

De Ronald Emannet, chairman of the branch, said the motion half spring from a general sense of fusication and the feeling that no more went was being number in rectify

fristration and the feeling that no moreweat was being numbe in recify the anomaly. "The AUT needs to do something", he sold, "Over Iver years we have written to MPs and produced a well-argued case to the Government, all of which has brought nothing. The gentlemanty approach does not one one one case."

llo thought the action proposed world gain support, but oven if it had the aupport of only 50 per cent of the membership, that was sofficient to produce chans and force universities to hold on admissions. Our reasoning is that clane we are soly being paid for tooching 70 per cent or less of tha otudenis, and will anly teach that proportion."

DES allows Race Act provisions be circumvented

Untersities, polytechnics and col-less may now chorge higher foos in writes students and restrict the student numbers to 1975-in feet without fear of contraven-

Professor A. M. Prichard, chairman of the AUT contingency plonning working party in charge of toctics, said that Glasgov was not narmally particularly belicose and the motion was an indication of the strength of feeling generally over the salary claim. chers' pay is included."

On the question of whether the Government would give the universities more money for the pay seldentent, Mr Supper said the Issae was confused because the oriversities' cash thinh year ran from Angust to Angust, and the Government's from April to April, "The universities' your runs into the next national year and the cash think for that year have my yet been

Mr Laurie Sapper, general secretary of the AUE, said the association had asked the Government through the Universities Amburities Vanel (UAP) for the annualy to be rectified "without prejudice to the normal annual lurrease". They were still awailing a cepty and he did not expect one until at least the end of August or the beginning of September. the normal annual lurrease". They were still awalting a reply and he did not expect one until at least the end of August or the beginning of September.

The AUT executive had undersites above the fire per cent increase offer would be discussed by an entergency cannell intecting which the executive typind call at short notice.

It such the amonaly would mean an increase of 12 to 18 per cent an increase of the fire years already between two and to necessery for the characters' current salaries at prosent levels. They would recoive their onnuel increase on ton at their o

Local councils threaten poly on admission hy David Walker

than general sullability for the course.

Mr Yyus was the centre of course, versy 18 munths ago when the refusal of a previous application of his for the course led to charges of "political interference" in academic decisions and a threat by the local authorities to reduce their grant to the polytechnic.

The local authorities' view was then expressed by Mr Jomes Palling, dapaty director of education for Netwam, when he said: "It is not a matter of academic freedom being infringed but a bit of queue-jumping to help the morale of the local education service. We have struggion for many moralis to get sofficient flexibility to what young education welfare officers to get secondmant for such training courses."

ourses." Since then the procedures for Pressure grows for NUS to

debate Palestine issue

by Judith Judd

supporters of the Palestinian cause have arranged a magaing which almo to ensure that the issue is fire Union of Jewish Students enid discussed at the operation of Jewish Students, enid of Jewis

Act, the provisions of the special provision

hy David Walker

The horoughs supporting the North Eng London Polytechole have demanded that nuless one of their emplayees is infinited to a training course the staff in the polytechole social work department running he should be sacked.

At a recent meeting the judit committee of the Landon horoughs of Newham, Waltham Porest and Barkhag resolved that no students should be admitted to the course from next month and requesting the polytechnic to terminate the contracts of the staff teaching the social work qualifying course.

In reply Mr George Sembrouk, acting director of the polytechnic in the absence of Dr George Brasion, the thirector, ordered that the employee be odmitted in order to aver the local authorities' threat. This week, however, the Central Council for Education and Training in Sacial Work stepped into the dispute with an unequirocal statement in favour of the tooching staff, it has written to the polytechnic numberities informing them that if the stodent was considered for admission according to procodures devised by the polytechnic admission according to procodures devised by the polytechnic ond approved by itself and was not judged suitable then he cannot be admitted.

Mr Shon Vyas, an oducation welfore affirer for Newham, falled to be admitted in a two-year Confficute of Qualification in Social Work at NELP, it is understand his application trus rejected by tuters less on grounds of ocadenic barkgroomithing general suitability for the course.

Mr Vyas was the centre of contractors of the polyter of deviced in a matter of course.

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Computerized pigs

Efforts at Edinburgh to build a computer model of the pig may increase food production Clive Cookson reports, 2

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Fewer part-time training posts

by Clive Cookson

solence correspondent

Action correspondent
Ac meat production comes under increasing pressure ac a reletivoly inefficienc cousumer of the world's egricultural resources, livestock farmers are paying more estimation to cutting out unnecessity wasre in the conversion of animal feedstuffs line edible flesh.

The coets and compactatics of empirical feeding trials with real animals are too great for them to be a feasible means of predicting the meat yield of any breed under any conditions. Therefore scientists at Edinburgh University's egriculture department ore developing an alter-native approach: the computerized

Por five years Dr Colin Whittenoro, a biologist, and Mr Ruy Faw. catt, a mathematical economiet, have been fuilding up a computer model of the pig—chosen because it is normally reared undor more closely controlled conditions than sleep nr cattle—from the results of busic research in animal physiology and disconnistry. It predicts, deducresearch annual products, deduc-tively rather than empirically, the amount and type of meat obtained from pigs by reference in the pat-tern and quantity of feedsinffs used.

energy concentration? What is the quality of the protein? Am 1 a male, a femule, ar castrated? What strain af plg aim 1?

What temporature are my what sort of Floor am I lying in an in-aulated or a draughty pig house? What sort of Floor am I lying on? How heavy am I when I start growing? When not I to be

shinghtered?

If a (or alse) then grows until he reaches his sloughter point, which may be a purticular data or o given weight. Then he hands the operator a print-out showing his growth pettern, how he used his food to keep warm and to grow fat and lean meat. He reveals his body composition and soys how oppealing his carcase will be to the burcher, from the point of view of lean meat and fat cover.

Indeed, the computer reveals more than the empirical experiment about the vital relationship hetween foodstuffs and meat yield, because the computerized pig can be "killed" and analysed every day of the life; you animals can be weighed.



Conservation plan to save the vanishing sand lizard

Two of British's six unive ceptile to be a significantly different form species are in some danger of from those on the Continent, ulleconting extluct ne n result of increasing humon pressure on their
few remaining habitats. Cancern
about their future has led the
Natural Environment Research
Council to fluance a study of their
creasing humon their fitting habitats. Cancern
the south. Dr Spellerherg thus forls
it would be disserting to try to save
the English respectations to try to save
the English respectations.

and mean yield, because my form of the consultation of the consult

the English populations by ropping them up with Brards from the Conthent-where they are by no means

then where they are by no means common anyway.

The male sand lizard is a spectacular creature in spring; up in 18cm, long, with brilliant Ercensides. Ito is much more heavily built than the relatively drab communication is the difference is like that between one's thumb and little finger.

The alm of these grain in the current is a spectage of the superior of the market in dression to do 18cm, and seek the support of the finger.

Soul lizards live in uncultivated

Samil lizards live in incultivated wilderness; sand thones, heatloand or scrub. So the smooth stakes, ulthough Dr Spellerherg's research has discredited an old idea that the sand lizards. Snakes prefer small minimals, such as mico, vales and shrews.

The livestification has also shown that smooth snakes exist in genater numbers and naire idaces than had been thinght, although Dr Spellerberg still helleves that they ma me on endangered species hecanse the population is highly feagmented. (When o major habitat in Dorset was burnt lost simmer, i four summing network in the southers was burnt lost simmer, i four simming network in the southers are thought to have died.)

One hape is that the sand lizard project will uncover more colonies.

TV drive to aid young iobless

Westward Television of National Extension Colleg-hridge, are joining forms search project to help harmanulayed.

The Miorpower Senks mission has made a \$500 for the rescurch, which then cover why young people a take up ioh opportunite er agencies can reach the The project is energy corned with unemploying people who are isolated because of where the fer with those with few & m.

Subjects for research vie tocted through a serieur Inst the Job teleing grunnies to be seen r. south-west Eugland frai. November 7. It is known young unemployed speciti-time wareling television. The pringrammes are the

ure presented in carious att

Later a counsellar sill alas

The project is not look!

science correspondent The number of part-time training needs of each applicant, under nous for women doctors with scheme started in 1969. or employers, and he followers to increase employers At the end of each poper viewers will be invited to be in and join the scheme in country with the mild will be invited up in rounselling group, and will seem "just pucks" which away them to unadject the country are unemployed in a more and in content to

by Clive Cookson

tast year the priss approved as a part-time registrar and senior registrar posts, compared to 77 in 1975 and 91 in 1973.

The figures are included in a booklet on part-time postgradoate training in medicine, published by the Royal College of Physicians this insertion.

for women doctors

this week, contains the reports of the conneil's rarious subject com-

the Royal College of Physicians this work.

"Regional health outhorfiles cannot establish and fund a part-time registrar or senior registror past before manapurer approval is obtained from the DHSS", the coldege says. "There has aften been inordinary delay in establishing pasts, and in some regions a delay of the months or a year may follow an application hefore a post is established or rofused."

Illuvever, Dr Anne Grillicherg, lege sign. There has aften been inordinary delay in establishing pass, and in some regions a delay of files months or a year may follow an application hefore a post is established or rofused."

Ilinever, Dr Anne Grilacberg, Pactime Postgradante Training in the content of the

Storm in a

dishwasher

committees had to consider each appdication. Part-time training jobs are created individually to salt the oppropriate for the establishment of a General Teaching Council, accord-ing to Mr Frank Harris, lecturer at York University's depurtment of

Large SSRC grants face curb

The number of part-time training posts for bomen docturs with fourly commitments is falling, studieles from the Department of Health and Social Security show.

Last year the DHSS approved 65 part-time registrar and senior registrar posts, compared to 77 in 1975 and 91 in 1973.

The figures are included in a backlet on start-time posts and the DiSS earmarks no finds for them.

them.
The Medical Women's Federation The Medical Women's Federation knows af eeven wamen who were promised opproved haspitol troining posts then told they could not take them up hecause there was no mon to pny them, and it believes many more doctors may be encountering similar difficulties.

Dr Gringberg estimated that if

Students at Brighton Polytechnic plan to preos for a vote of no coolidence in Mr Geoffrey Hall, the collegeo' director, following a docition to spend £7,500 on refurbishing bis compute home.

The Social Science Research Council is likely to make fewer large-scale grants to researchers in finure, and the grants it does make are likely as he consented in a smaller number of nuiversity departments. The SSRC Newsletter, ambished this week, Contains the reports of the conneil's purious subject contains the reports of the computing, quite blunt: "In spine of visits made to departments during which prospective applicants were advised to departments during which prospective applicants during the following problems and prospective applicants and to departments during which prospective applicants were advised to departments during which prospective applicants during the following problems.

this week. Contains the reports of the council's purious subject committee, and must of them report that large grants (between £25,000 and £50,000) run into problems. Grants of less than £10,000, according to the economics committee, often prodoce better results.

The glanning contailitee, to consider grants with others, argues that considering to the economics committee, often prodoce better results.

The glanning contailitee, to consider grants and postgraduate income with others, argues that considering to the economic committee, to consider grants must be which money for postgraduate installments of research grants until installments of research grants until the SSRC and revearching to the right lines in their work. It suggests helding lack the final installments of research grants until the SSRC is convinced that an adequate produce better results.

The political science and intogrants and thought the strength of the monther of depurents in their work. It suggests helding lack the final installments of research grants until the SSRC is convinced that an adequate report on the research will be obtained in turns and they are proved in the strength of the monther of them monther of depurents to which money for post or produce better results.

The political science and intogrants are considered in turns and the proved that an adequate report on the research grants until the suggests helding lack the final installments of research grants until the suggests helding lack the final installments of research grants until the suggests helding to the suggests helding to the right lines in their work. It suggests helding to the right lines in their work. It suggests helding to the right lines in their work. It suggests helding to the right lines in their work. It suggests helding to the suggests helding to the suggests helding to the right lines in their work. It suggests helding to the right lines in their work. It suggests helding to the right lines in their work. It suggests helding to the right lines in their work.

the wise to concentrate its awards times usking for smaller amounts of the roising of fees by the clergy for more in centres with some experience of research, and departments whose size permits greater diversity", it says.

Times usking for smaller amounts of the roising of fees by the clergy for money are more likely to succeed.

Some of the committees criticize the inspection of parish registers.

Some of the committee resource roising of fees by the clergy for money are more likely to succeed.

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The planning committee is a reason of the roising of fees by the clergy for money are more likely to succeed.

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The planning committee is a reason of the roising of fees by the clergy for money are more likely to succeed.

'Time now ripe to

teaching council'

Speoking at o conference on school management at the Wolver-hompton Technical Teochers' College, Mr Harris sald the cooneil

eliould have much greater powers than those originally envisaged in the Weaver Report in 1970.

Mr Ifarris, the rice-chairman of the National Union of Teachers

national advisory committee for university departments and colleges of education, made his remarks in the light of the reconj Green paper

siza of mion ruprecentation.

"Higher education could elect its

set up

education.

The Queen's visit to the New University of Uloter, Colerolne, last week was completed safely, despite IRA threats that a bomb would go off on the campus. The bomb, of about 21b, finally exploded at 9.50 on Thursday, five hours after the Queen had left.

It had been ploced on the edge of the botanieni gardens about 150 yards oway from the warest university building. A inst-minute search of the buildings and grounds had failed to find anything.

The Queen, pictured with Dr W. II. Cockcroft, the vice-choncellor, toured the buildings of the university which was founded in 1968 and has 2,700 gradoates. She also had lunch there. In the ofternoon about 1,800 young people from schools and youth organizatione took part by a youth festival in the sulversity grounde.

The cllunax of the day was on areno display with contributione from the Belfast Girls' Club Union, the pipes and drums of Campball College and Jrish dancing.

Evening classes boom brings student total to nearly 4m

This was double the change in the previous year. However, if the merged former colleges of education are excluded the increase is 3: Further Education, HMSO, £4.50

Students at Prighton Polytechnic following a decimal polytechnic and the price of t

Notional Academic Awards' first degree courses, which may have a quarter of all advonced students. City and Gullds courses are the most popular among non-advanced students.

8

by Frances Gibb

Countries, and they appear in n wide partners of agricultural production is the aim of researchers at Bradier University. The investigation, with a £6.426 grain from the Mini.

Scientists in the Department of Environmental Sciences in Laucaster University are examining what happens when the lid is taken off releasing a plane variety of motals and in cituary sediment, and they appear in n wide combined action of flood water and strong tidal current of pollutants abead they are examining what happens when the lid is taken off releasing a plane variety of motals are authorities in the Department of flood water and strong tidal current of pollutants abead they are examining what happens when the lid is taken off releasing a plane variety of motals are authorities in cituary sediment, and they appear in n wide combined action of flood water and strong tidal current happens when the lid is taken off releasing a plane variety of motals are authorities in the Department of Environmental Sciences in Laucaster University are examining what happens when the lid is taken off releasing a plane variety of motals are authorities in cituary sediment, and their release is significant to the flood water and strong tidal current happens when the lid is taken off releasing a plane variety of motals are authorities and the release is significant to their combined action of flood water and strong tidal current happens when the lid is taken off releasing a plane variety of motals are authorities and the provided water and strong tidal current happens when the lid is taken off releasing a plane variety of motals are authorities and the provided water and strong tidal current happens when the lid is taken off releasing a plane variety of motals are authorities of the water and strong tidal current happens when the lid is taken off releasing a plane variety of motals are authorities of the water and strong tidal current happens when the lid is taken off releasing the provided water and strong tidal current happens when

showing the flow of goods and aorvices between different sectors of
the economy. From this it le possible to see the flow of goode end
services between different industries needed to produce the output
which is finally bought by consumers, investors and the government, or exported.

Such tables are prepared by must

They hope to compile a worldwide table showing each country's agricultural exports, and the destination of those exports including the sector in that country which uses them.

Input-output analysis involves the presentation of a country's production statistics in the form of a matrix showing the flow of goods and sorvices between different sectors of the statistics. The tables are stored on the university computer, together with the way they are broken down. The researchers will investigate whether it is possible to break down the agricultural actors of the tables are stored on the university computer, together with the limit is possible to break down the agricultural actors of the tables are stored on the university and the destination of those exports including the presentation of a country's production at the first possible to break down the agricultural actors of the tables are stored on the university and the destination of those exports including the presentation of the country way they are broken down. The researchers will investigate whether it is possible to break down the agricultural actors of the tables are stored on the university computer, together with the researchers will investigate whether it is possible to break down the agricultural actors of the tables are stored on the university computer, together with the researchers will investigate whether it is possible to break down the agricultural actors of the tables are stored on the university computer, together with the researchers will investigate whether it is possible to break down the agricultural actors of the tables are stored on the university computer.

Taking the lid off one of nature's dustbins

being carried out by Dr John Dun- defining the way the tables are stored beneath estuary floors, orowerth, of the social sciences depart broken down into industries, using mont, and Mr G. R. King, who has the UN's International Standard descence in the superied by a 19.583 been appointed research fellow. Industrial Classification (ISIC).

They hope to compile a worldwide. The tables are stored on the uni-

Tha metals, originally discharged Into the river and see as ladustrial and domastic sewage, are carried in eispension lo fast moving rivers or tidal currents until they reach more sluggish coaditions in estuaries and elok to the bottom.

Dr Simon Aston, director of the project, said: "The coocentrotion of these metals can build up over decades in astuary sadimants."

lower lovels in a comparatively the sediment beneath its seal contains no oxygon. The Laucuster team will be examining what happens to the metal eulphides when they are released back into river water.

Dr. Aston eaid: "We suspect that

when they are released back into river water.

Dr Aston eaid: "We suspect that the presence of oxygen by the river water will rapidly convert the sulld metal sulphidee back into soluble metale. Many of these, outh as cadmium and lead, arc, of courso, toxic."

In order to test the theory the scientists will he collecting samples from estuery floors of rivers in the metal sulphides are released into river water under laboratory will analyse whot happens whom the metal sulphides are released into river water under laboratory couditions.

"We shall be able to discover the variotice and amounts of metals." the variotice and amounts of metals tory at Lowestofn ...

Better deal for Iraqi students The Iraqi government ie to giva lts postgraduato students abread a better deal, after protesto by British condenuce about the present system. This students concerned ore those given naid leave by their employars (usually a university or government ministry) to work for a PhD oversease. About 300 of them are in that UK. Distress and hardship have been caused by the system's rigidity: leave is normally given for three years, and if the PhD is not completed within the period (which

In the article on arts centree last lysek the eatimoted that attendance ligures for South Hill Park in 1975 and 300,000 "not "between 200,000 and 3,000". The between 2,000 and 3,000 "not "between 2,000 and 3,000 and

The number of students on nd-vanced courses in polytechnice and colleges of further education increased by 12.5 per cent in 1975, necording to figures relenced this week by the Department of Educa-tion and Scionce.

Engineering and technology are the most popular subject, but oociol, administrative and business studies

Women trainee teachers outnumber men 3:1 and will suffer most in college cuts, Judith Judd report

woman's place is less and less in teaching

Women will be the losers in the cutbacks in teacher training. For gencrations the rolleges of education
linve been the rante to higher culcation Council. This would promote
cation for women who were not qualifted to go to university or whose
porems did not went them ta leave
home. For just as long they have
been ane of the fow seems of higher
aduration where women could hupe
for senior posts os staff.

The flevers speak for themselves.

The flevers speak for

The figures speak for themselves. Last year 15,703 women were acceppart year 13,703 womon were accepted for teacher training courses compared with only 5,328 men. The problem will be exacorbated by the typo of college which has been told to close. Some particularly an the typo of college which has been told to close. Some, particularly on the oorlier closuro lists, were chosen because they sumetimes found recruitment diffirult. Often this wes becouse they hed originally been wonten's colleges end the all-female tredition died hard.

Among the closures amounced this year, Stockwell, Philippe Fawcett, Doucaster and Northumberland all tended to attract more women than men. Nonington College in Kent is o women's physical education college and Scaford, part of the Rost Sussox Institute of Higher Education, a women's home economics. cstlon, a wonieu's borne economics college, St Oeyth's, part of Colchester Instituto of Higher Education, also specialized in home economics.

The colleges for mature women have suffered even more. For the most part, the annexes have gone. The former Sidney Webb, Thomna Huxley, Chorley, and Scawsby colleges are all now part of lustitu-tions which have felled to secure a reprieve for their teacher educu-

Perhaus some cut in the number of mature students is inevinable because of the new difficulties in finding employment. Indeed, this has been reflected in a drop in recruitment at some of these insatitutions in the past two years. But what is to happen to these women and to those who looked to a college of eduration to provide not only troining but olsa higher education?

higher education?

Mrs. Wildems, the Secretary of State for Education, fe known to be concerned and her department has already begun to investigate the problem. So far, however, there have been no proposals or attempts to discriminate positively in favour of girls. The Covernment's 19m contained nothing specifically for the large that the problem of the problem of

It is not just the closure of colleges which has dealt e blow to the hopes of women who once would have trained us teachers. The decision to phase out the certificate of education and to make teaching an all-graduate profession would, in eny case, have dealed access to beacher education to many. The mew two A-level entry has been widely welcomed by a profession intent on raising its standards, though one or two have wondered whether an insistence on such standards is visa or necessary for primary school teachers.

Woll-qualified girls will still have

Woll-qualified girls will still heve teacher training. Figures for 1976
show that 48.5 per cent of students admitted had two A levels, 49.2 per cent being the average for women and 46.3 ner cent for men. Most of the well-qualified can take care of themselves. The rest are causing some concern among those who fight discrimination against twomen.

Mr Eric Robinsoo, o member of the Equal Opportunities Commission; and opportunities C

be tooking for courses in further education colloges and polytechnics at sub degree level."

An obvious outlet would be a higher national diploma course where the normal entrance requirement is one A level and where mandatory greats are available. The problem is that many HNDs are in technical and scientific subjects which have always proved more attractive at boye that girls.

Mr Robinson believes that it is not good enough for the Government to sit around waiting for girls attitudes to these subjects to then meantime thousands in women will have lost their chance of highar education. "There is a need for a guildification of the HNDs are in the meantime thousands in women a laboratory for the conservation of finds and, cannot be subjected to the meantime thousands in women at laboratory for the conservation of finds and, cannot be subjected to the meantime thousands in women a laboratory for the conservation of finds and, cannot be subjected to the meantime thousands of women as a laboratory for the conservation of finds and, cannot be subjected to the meantime thousands in women and photographers, the trust line and the meantime thousands in women as a laboratory for the conservation of finds and, cannot be subjected to the meantime thousands in women and photographers, the trust line also the subjects to the meantime thousands in women as a laboratory for the conservation of finds and, cannot be subjected to the subjects to the meantime thousands in women as a laboratory for the conservation of finds and, cannot be subjected to the subjects to the subje the meantime thousands of women will heve lost their chance of higher education. "There is a need for a qualification of the HND kind for a qualification of the HND kind for the sort of areas in which women. Sort of areas in which women would be perticulently interested, such as the public services. When the public services will be made it is looped the university will soon the property of the public services. the sort of areas in which women would be perticularly interested, such as the public services."

IND rourses hove mandainry nouris many athers of literest to women do not. The commission has just uncertified two starting one has in the system; a cause in speech therapy and one in social work, both requiring two A levels. Nother attracts a mandatury grant despite the high entranca qualdi-

Mr Rubfuson belloves an increase in business studies and other courses attractive to women should contrees actuately to women should be matched by the guarantee of mandatory rather than discretionary awards. The commission has kannched an attack on the present discretionary award system on the grounds that it is very unfair to second.

women.

It also wants the DES to adopt policies of positive discrimination towords women. This would mean encouraging more "women's" courses. It would also mean encouraging women to apply for subjects which have traditionally been maledominated. The commission has hed some success in persuading advertisers in failustry to make it explicit that they want women applications as well as men. Now it wants colleges and universities to follow suit.

If they dil, the chances would be higher that at least some of the womon who would have gone in colleges of education 10 years ogo might flud their way there.

Mr Robinson soys: "Our higher education system tends to be based on the stereotype of the 18-year-old mobile bachelor. The whole Universities Central Council for Admissions system presumes the opplicant

Viking house

With at least 15 months' digging still left, the site, in Coppergate ("the street of the woodcutters") has revealed three Viking houses thought to bave been built around the year 980, as well as leather shoes, lathe-turned bowls, bronze dress plus and silverfulsy jet.

This summer about 40 workers, mostly students, are engaged on the dig, which covers o 1,500 equare-metro by 10 metre deep site. Similar numbers are working on a second major excavation, on the site of the medievol Vicars Choral building in Bedern, close to York Minster.

since last yeor, on environmental archaeology unit which operates as part of York University's

to 8.2 per cent.

In the polytechnics, the figure for boys in the 1974 entry was 2.3 and for girls 1.4. On the face of it, the figures for further education look better with n 4:3 ratio of women to men. But the courses most of these women follow offer a very different sort of checation to that he polytechnics and rolleges. They are mobily engaged in part-thus aloy and evening coorses. On sandwich courses men of thomber women 5:1. courses men outhomber women 5:1, on day release 4:1.

women who would have gone in colleges of education 10 years ogo might flud their way there.

Mr Robinson soys: "Our higher education system tends to be based on the stereotype of the 18-year-old mobile bachelor. The whole Universities Central Council for Admissions system presumes the applicant is mabile and available to do n the stereotype of the 18-year-old mobile and available to do n the stereotype of the 18-year-old mobile and available to do n the stereotype of the 18-year-old mobile and available to do n the stereotype of the 18-year-old mobile and available to do n the stereotype of the 18-year-old mobile and available to do n the stereotype of the 18-year-old mobile and available to do n the stereotype of the commission has tred two understand the stereotype of the commission has tred two understand the stereotype of the commission has tred two understand the stereotype of the ster

sill persists in same parts of the country. Mature wanter, however, suffer additioned disadrantages. As recently as 1965 only half as many girls as loops passed A levels. Though the girls have now caught up, woman, who left school more than 10 years not are milkely to have the contrentional qualiformions. The prospect of universities and palytechnics absorbing o great many who left school more than 10 years not are militely to have the conventional qualification. At Disudoo dance the conventional qualification. The prospect of universities and other makes and other the conventional qualification. The prospect of universities and other the conventional qualifications. The prospect of universities and other the conventional qualifications. The prospect of universities and other the conventional qualification. At Disudoo dance the conventional qualification. At Disudoo dance the conventional qualification according to the conventional qualification according

It is typical of the kind of place which has suffered in a reorganiza-tion which has concentrated higher education in cities and polytechnics, there is already an unequal provision of indenticed courses in rural and urban ureas. The percentage of school leavers going on to full-time forther ar higher education in the North is lower than in any other

women in higher as well a feeducation. The diploms of E

the moncy is onother me.
Mr Keith Scribbins, the
ussistant secretary (salarle,
out that diversification key
been into degree-level and
is no help to those with out
or five O levris. The key
colleges should be used but
neering rowses for worst
training for some professor
business studies, ha feels
NATITIE in pleasurement NATITIE is also concerned

dwindling apportunite fe in colleges emandpade ! suffered a severe schuckit past 10 years. Houghly, the hor of women principal many with the number of methys from 2:1 in favour b t. ugainst. In 1969 there will women principals and 11 will 1974 the fluores were first. region.

Int though the north is well below the rest of the country in numbers entering universities and polytechnics, it has always freen above in the numbers going into teacher training.

Between 1966 and 1974 3f percent of northern girls, ranguared with a trational average of 19.6 percent of northern girls, ranguared with a trational average of 19.6 percent interference of their route to higher education.

Work on the Coppergate site in York has been richly rewarding.

Other university links are also strong, lleadford's department of nuclear physics has launched on MSc in archaeological science for which the trust provides practical cutton and the Leeds textile physics department has holped analyse fibres of Viking cloth. Rutgers University, New Jersay, sent uver a team to help clear a large mansion house site.

a large mansion house site.

Public futorost has elso been encoursged, not loast es a potentisi ally agalust the develupors. Since March, 1973, a quarterly bulletin outlining research work for the layman has been published and a Friends of York Archaeological Trust and York Young Rescue cotoring for under-16s set up. A schools liaison officer has elso been appointed. An everage of between \$ 8,000 end \$9,000 people visit the Copperante and Bedern digs each week between Easter and entumn.

Not that York's planners end contrectors have Not that York's planners end contrectors have been unsympathetic to the trust's noeds. An oarly warning system, whereby planning applications are acceened by researchers, has been introduced by the city council and developers have usually been willing to plan, in time for extavetion if given sufficient warning—preferably two to three years.

Not surprisingly, finance is the major problem. Initially the trust estimated it would need \$506,000 over the first decade. However, since 1972, yearly expecualtura has more than trehled. At present funds come mainly from the Department of the Environment, the Leverhuling Trust.

public. But the limits ere already strained.

Clearly Yurk Corporation cannot afford the integraters money on a sufficient strained.

The Mr Addyman points not, it is strained that they should try to take on a strain York being a mutonal heritoms is strain to will be a strained to the programme. Its first tank is 12000 mont programme.

April suw the setting up of a set thing ment programme. Its first target is 1980 to exploit the Copporate dig. So is 1180 to exploit the Copporate dig. So is the content of the copporate dig. So is the content in the program of the

have to be selective:"

Mike Duckers

On the other hand

Total write off

Now that graffiti has been generally accepted as falk art and Norman Mailer has started evolvating it, we must oil register the appropriate liberal noises of displeasure of the foraduction of the new United Kingdom 3M Graffiti Stein Pennyell.

However, graffiti is not without its uses. For instance, I have long cherished the theory that it talk you more about a university's charged the translation of the stance, Bristol's is distinctly literary if a shade consarvative; Surray's is decidedly functional; Essex tends to be losurgent; Worwick's struck me as a shado parochial as befitting an italied campua; and Oxford's was all rather clever-clever "Nietsche is dead—God" stuff.

On my travels I have made a point of visiting invalories, notching up about 60 a dny. This can be a tiring experience, particularly

ing up about 60 a dny. This can be a tiring experience, particularly when you have to put on a convincing show for a suspicious attendant whose institution you have visited at unnaturally regular intervals for the post hour.

But with this, new product we shall lose the wit of one Cambridge is dies' convenience (I cut explain how I know this, but it would take too long hore) which advisos that before you find Princo Cherming you have to kiss an awful lot of frogs, and the wisdom of an Oxford men's college which talls (indispensable information for the newy) that "this college will explode in flyo seconds... beng".

Speaking of spuds

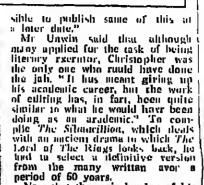
The disagreement arose over potato mashing. Dr David Abrahemsen, suthor of the recent psychobistory nixon Versus Nixon (Furrar, Straus and Giroux, £3.50) was taking the English to task for being scontical about this new American academic flowth arons.



"Ali, why do peoplo olways take potato mushing out of context", said Dr. Abrshomsen in a hoovily gutterel voice that betrayed his Norweglen origins. Looking like John Betjemen and sounding like Sigmund Freud, this white-haired and cuddly preschouselyst set. and cuddly psychoanelyst set about defending himself end his discipline of psyrhohistory which, I am told, is tought in one form or anorber on more than 200 American compuses from Brondels

suthor of the recent psychobistory fixon Versus Nixon (Entrar, Straus and Giroux, £3.50) was taking the English to task for being scoptical about this new American acedemic thought aren.

He is a follow of the New York in the product of meticulous is the product of meticulous in the product of meticulous is the product of meticulous in the product of meticulous is the product of meticulous in the product of the product of meticulous in the product of the product



from the many written avor a period of 60 years.

Naw that the main burden of his task is rampleted, it is enlikely that Christopher Tolkien will return to wrademic life. "Aport from anything clse", Mr Unwin explained, "It is very difficult ta get burk ource you have left that life. Also, it is not aut of the question that he will want to write something he will want to write something of his awn. He is not a moran, after all."

An amisim oculemic ceremony took place roceatly at the Devoushire rotuge of the novelist Jean Rhys. Earlier this mouth the author of Wide Satgasso Sea was owarded an honorary degroe by the University of Kent. However, she was too amoult to strond and the humanities congregation was told that a humiful of disnituries would contact the of dignituries would reprat the whole business of her home the following week. At loast she was spared chancellor Jo Grimond's strange oddress on rhanging attitudes to death in the twentieth

or another on more than 200
American campuses from Brondeis
to UCLA.

"The English ore unwilling to secept analysis. But rivis typo of analytic approach will catch on hera oventually because you really should look ioto some of your characters." When pressed, ha said that Tod Heoth might be o fruitful subject and one must never overloak that Winston Churchill liked to work in the aude while drinking brandy.

"What my book soys will be of veluo long after its dotroctors know diaappoored from the scane", be said with a conviction born of confronting regular media hostility.

The only trouble with lifs bands is that it is written in not outhoritative to tone and yot is littered with a conviction in the outhoritative to tone and yot is littered with a conviction of the interest of the special with a conviction whether the opposite might oot equally well be true, purificularly since Dr Abtohannaen has never mer Richord Nixon.

He looked et mc as if I was the sort who liked potato mashing. "Look, it is my sclentific training that prayents me stoting as provible fact that which I suspect to be true."

Statist of denth in the twentleth century.

Feature film next?

There is only one thing more astounding than visiting every unitation that is doing it twice. Next and that is doing it twice. Next mouth it is doing it twice. Next mouth a sub-routive Prospectus— Wild-wood House) with updated information and price (£6.50) for which has authors, Vicky Payne and Vivion Lipschilz, hove circled their old parts of the prospection of the sub-routive prospectus— as the republication of The Altonutive Prospectus— with a authors, Vicky Payne and Vivion Lipschilz, hove circled their old parts of the prospection of the sub-routive prospectus— as the republication of Vivion Lipschilz, hove circled their old parts of the prospectus of the pros

How Australia runs the rat race and wins



James Porter

Visiting Australia in the Antipadoun where one experiences not only the rure and beautiful sight of frosted trees in Canherra, but also the cold wind of economic cutback in higher education. Expansion in higher education has continued much longer in Australia with the last onivarsity being founded only this year (on April 1). Many glass and concrete palaces have arisen in the college of advanced education sector and in some places the provision is probably botter then enywhere alse in the world. Aweroness of the gross oversupply of teachers is

nore robust economy, at least in housive plaunile and developed to the level of inflation or which should lessen the p to the individual powers of the states, but to the fact that they have taken two critical decisions.

The new commission where the processor of the new commission where the new commi about their post-socondary system.
These decisions should enoble them
to make oducational and social and
economic source out of titelt postschool system.
Thoy have defined three sectors:

They have defined three sectors; the universities, the colleges of education and the institutions of technical and further education. The universities have been given the clossic definition in relation to their nutenous and involvement in resample. Colleges of advanced education are defined futerms which been close relationally to our nolytechnics—they should be ndvanced oducation ere defined further oduration. There is elso a growing interest in auch colleges' involvement in short-cycle, diplomalevel oducation. Technical end further oducation. Technical end further oducation is concerned lorgely with pre-liegree work and the rango of courses is similar to British further olucation. Hawever, the higher aducation sector has undoubtedly expanded faster than the demand for courses. Ten dew universities (there are 19) end the 'croation of he read to be a sector in the control of the whitlen government in the enry 1970s. It can be orgued that Auchtalia has simply given more overt definition to e system that is seen elsowhere, and particularly in Britain. However,

tion for managing and operating it that makes our own efforts seem positively Byzantine. They began with a separate commission for the poircisities (modelled on the UGC). then utilities (thindeled in the CAE's, and then made a third for the technical and further education sector. This year they decided to coordinate the whole of post-secondary education under a Tertiary Education Com-mission. So, early sector new has a countil under a coordinating rommission. Government sets the global sum for nost-school education, the rominission thru gives its advice regarding the total allocation— down in the detail of states und tertiary institutions.

Certain features are of partirolar importance. The edvice is published importance. The educe is published so that the basis far the maintenance and development of post-school education is publicly available and can be debated. The commission is not an arm of government. It is beaded by the Australian edurator Peter Karmel—a brilliant end astate man whose judgment will be respected. The Minister still has the nower ta set, but it would be diffipectod. The Minister still has the power to act, but it would be difficult to do so without producing urguments for deviating from the udvice he receives. Funding of universities and CAEs is federal and therefore the maney goes directly to the institutions. States have influence but no direct gover over the institutions. Power is much more a matter for the governing councils of each university or college.

else in the world. Aweroness of the gross oversupply of reachers is dawning and recout decisions to ungrade the colleges into institutions of "advanced oducation" and to give them fedoral funding are cousing growing concorn.

Educationists and administrators are taking a grisly interest in what they regard as the Dreconien measures taken in the United Kioghom. The foct that such severe steps are unlikely to be taken in Austrulia is related up only to a more robust economy, at least in housive planting and development education boungs of recent years, However, the decision to put all sectors together enables compre-tionsive plauning and development which should lessen the potentially

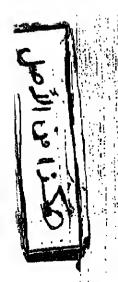
secretarist. It can gather evidence, moultor developments, and engage in atrategic planning over the long term. But it can olso respond quickly to emerging crises such as the need to reduce teacher training places. Beginnel factor bodies are

equivalent cuordinating function.
Thus Australia's post-school provi-Thus Australia's post-school provision will anon be organized as a wide-ranging, ogeliterian end conomically viable service, monagod by a body of distinguished and experienced educators. The Tertiory Education Commission will be limited by the resources available and by the credibility of their edvice to Porliment and to the states.

states.

In the Great Debute Mr Callaghan srgued that aducation was of deep public concern, not only because of its intrinsic importance, but because we spout £5,000m a year on it. The post-school fector in most developed countries is our reurly the most expensive and most chaotic. Putting everall planning and development in the hands of a commission concorned with the local sweep of post-school education is a big idea. And it is on idea that is widely supported in a country marked by strong judyidunlism sud inter-state rivolry.

热温



by seeing things They succeed objectively

Pilms from Roving Repert, the gromme, will he shown at next week's Ed Tech 77 exhibition. John Ccessland, the programme's chitor, receunts its development.

By any standards of television, Rovng Report is an extraordinary moduct, and in nice respect, unique : to other documentary programme is produced by any organization solely for a caldwide distribution every tweek of the year.

Assembled wholly an film and syndicated widely umong foreign television stations (it is not trunsmitted in Britain), Roving Report has become the world's longestraining documentary programme with a potential audience today of

with a potential audience fooly of nearly 100 millium people.
Roving Repart's origins are connected with the sight of commercial television in Britain. In the late 1950s, Independent Television News not only supplied the daily national news bulletins to the regional programme companies, but also pro-duced a weekly half-hour show for the network that gave basic pictorial information in on entertaining way on places and people abroad, offen from what in those days were the more obscure norts of the world. This programme was Roving Report.

At that time, ITN elso syndicated

some of its own news coverage to foreign stetlons, ond as pure of that service, Roving Report was supplied meinly to English-language stutions

lts travelugite image and because more concerned with the scripts exemination of topics of current interest. And under different titles

The change of ownership also policy. For DPITN was not—and is not—a broadcaster. It is an intering organizations in many conneries with different and even dimetri-cally apposed philosophies. One of the chief requirements for the success of such an egency is the application of a standard of impartality and balanced presentation that is continuously without blemish.

This dnes not imply, of engise, that Rucing Report was an objec-tive under the old ITN negis. But to retain the confidence of an increasing number of stations in countries with greatly differing social and political systems does impuse special responsibilities.

It is and measure of Raving Re-It is and measure of Raving Report's commitment to this standard of Importiality that among the countries making use of the programme today are communist and nan-communist, Israeli and Arah, Zumbia, Rhodesin and Sauth Africa. From the beginning, UPITN provided its own international coverage for Roying Report, Taday, the programme dools with one two or

This programme was Roving Report.

At that time, ITN elso syndicated some of its own news coverage to foreign stetlors, and as part of that service, Roving Report was supplied meinly to English-laognage stutions overseas.

In the 1960s, the pragramme lost its ravelague image and because with local concerned with the serial example of current international affairs, more concerned with the serial example of current international affairs, more concerned with the serial example of current international affairs, more concerned with the serial example of current international affairs, more concerned with the serial example of current international affairs, more concerned with the serial example of current international affairs, more concerned with the serial example of current international affairs, more concerned with the serial example of current international affairs, more concerned with the formation of the holf-hour example of current international affairs, more concerned with the formation of the holf-hour example of current international affairs, more concerned with the formation of the holf-hour example of current international affairs, more concerned with the formation of the holf-hour example of current international affairs, more concerned with the formation of the holf-hour example of current international affairs, and the late of current reports on the holf-hour example of current international affairs, and the late of current reports of the holf-hour example of current reports on mit science of film of the proposition of the holf-hour example of current reports on mit science of film of the continuous and colleges, and the colline of the case of the colline of the mit the current submit and colline of the case of the colline of the mit the colline of the case of th

with UPI Newsfilm's own considerable distribution. Along with the smaller stations still in the early state at that time was screened as scheduled programming by only five fareign stations.

The change of ownership also used to the early stations of their television services. In such countries, Roving Report fulfils a general educational purpose and those it in usery that is undoubtedly popular way that is undoubtedly popular with abovers.

poration is a relatively new subscriber. A DPITN executive attend-Barbados last year was exchanging small talk with the taxi driver who had picked bim up from his lanel. The executive asked about the driver's job and whether he worked

on a certain evening.
"No", said the driver, "and craildn'i vidunteer for that shift. I would mean missing my favourite televising programme,"
"What's that?", usked his pas-

"It's the best thing in TV here. In the few mouths it's been running, I're learnt name from that show

The educational potential of Roving Report is now being realized in a more specific way by introducing films from past programmes into educational insulutions in Hyloiu. This is being organized through Pergus Davidson Associates Ltd the educational film distributors who have produced their own catalogue of some 280 UPITN films,

railed fun, maintains Mr. Jeremy Chapple the university's jurdect controller, essentially rigorous. Attitudes to resources have also changed in the seven years of the Open University's life. Once

the Open University's life. Gace It used to be considered totacerptiable to produce a his resource course; now this is often the case. The course team is made up of o "core" of academics drawn from the university, the BHC and from among the regimnal stoff vulves. Course material culturs from the university are also included, alongside an educational recchanlogist, design consulton, and course external consultons make up the external consultons make up the team.

How those controversial OU courses are created

Allegations that Open University assembling af the course unit is caurses, albeir perhaps a handful, claims Dr Janes, a very decourse politically biased and fail to cratic process. During the hand course the discourse process in matths of menticales are politically biased and fail to undergo the close scrutiny necessary before being dispatched in students have prompted the university to set up an internal inquiry into course production methods, headed by Sir Wober Perry, the vice-chancellor, which is expected in rule later this year.

The university, soill smarting fram criticisms which have been made about alleged Marxist ldas in two courses, "Patterns of Inequality" and "Schooling in Society", maintains that the luminy is a material photographic week constructed to the course his dealers, put furward a dealed to relevision programmes to any the course. The team of the party the course, "Patterns of Inequality" and "Schooling in Society", when it is a material photographic week construction of the course interior programmes to the course of the co

ty" and "Schooling in Society", maintains that the inquiry is a mutter of routine. Unlikely to be highly critical of course production it could, inverse, silence the critical of course production in could inverse, silence the critical of course production in could have a silence the critical of course production and the routines. He explains the normal substitute of the critical of course production and the critical form of the course of the critical of the tics who many within the university believe are too found of pointing the very heginning of its errors. sity believe are too fond of pointing the very frequenting of its eight and the possible shortcomings of a system which, they claim, is the envy of the world.

Each cause, says the university.

Each cause, says the university.

goes through a complicated and

goes through a complicated and lengthy enumittee process after be-ing purposed and even after it is In the bands of the students is subject to testing and revision, the techniques of which are under constant review.

future to ensure no overlap. Following the "rubber stamping

student testing and feeder the "Images and infor-reaut successfully won their because of the innovatory n. of the programme, rean within the university it is first verted by the faculty heard concerned which is primarily interested in the question of whether sufficient resources will be available. Only if sent out to students for behind cerviting and revising the mart the prinosal successfully passes does it go on for cansidermion by the numberic hoard's courses comcompleted in time for the Bi mintee—made up of deans and the pro-vice chancellurs — which exa-Heavy work load provice charternity—kitch each mines the course concept against the overall profile of the pro-grammes already on ofter and expected in he an ofter in the

ing course material in respon

But Dr Junes maintain his: necessary. The course, and sal lines the principles underlies to use, scape and design of intersystems, attempts to populate subject that has never received ther treatment. He explice "There were no text books up" therefore the one plus weed made was particularly solode. In fact, despite the world detailed planning period and reckend "cranning solonists."

reckend "cranning pend as reckend "cranning pend solities all course pend member working as hour structures on the march structure have found some side, with least pend to the march per hilffully than the latended, with the also to be completely written hecause we feel it has written hecause we feel it has written hecause we feel it has included the team, which has gradual reduced naturally mored on the reduced naturally mored on the pend of hilffully have falled all be revised units. They will have revised units. They will have response through of pedbots cantained in congain blocks cantained in congain marked assignments. Thurs, less marked assignments. There is the

Little joy in sight for arts and social studies graduates

Figures hare been published in recent weeks giving the first employment destinations for the university and polytechnic graduates of 1976. These hace shown that, in spite of a generally deteriorating outploy, onent situation, the percentages of graduates still looking for permanent employment at December 31, 1976, were much the same as the corresponding figures 12 months earlier. Graduates as a whole, therefore, still enjoy a fuvoured position in competition with those of lower academic attainments.

Also in the past few weeks a further 58,000 students have graduated firm aniversities and 14,000 from polytechnies; about half of these have been unloaded on to an employment market which is weaker than at any time in the past 35 years (the rest will be held in some scientists, technologists or regiment, and only 2 per cent of women much mit firm of further sandy or training). Although is is far too enrily to make a final assessment of how these 1977 graduates will fare, it is possible the comment much the way in which the shuaion is dereloping.

Perhaps most obvious has been the continuing and increasing weakness of public sector recruitment. Just over 4,000 young graduates were recruited in percentage of the latter of past in 1975. The corresponding figure for 1976 was 2,300; of these 1,300 had joined as executive officers, the grade for which only took a proposed to increase into the continuing and joined as executive officers, the grade for which only took a proposed to increase in successful candidates were graduates.

In 1977, the total pumber of executive officer wearned for direct entry, but just over 40 per cent of all successful candidates were graduates.

In 1977, the total pumber of executive officer wearned for increasing and technology the pictures.

In 1977, the total pumber of executive officer wearned for increasing and technology the picture.

graduates. In 1977, the total pumber of to be shout 1,500 (as against 6,500 in 1975), and even if 50 per cent of the entrants are graduates, there will still be about 500 fewer jobs for them than last year.

for them than last year.

Similar things are imprening elsewhere in the public sector. The total of 8,000 graduate direct entrants to public service jobs in 1976 ourst surely fall eubstantially thin year, probably to something like 5,000 to 6,000. And while most graduates who completed their year of tescher training last year and tescher training last year succeeded in getting teaching jobe in secondary schools, the same thing seems unlikely in hoppen this year.

The queue for public sector jobs may therefore he swollen by ns olany as 1,000 af the more than 8,000 would-bu teachers who were 1976 graduates. Many, if not most, of these additional applicants for these additional applicants for obvious elicenturive merket exists. Some can be found jobs in the private sector, where demand has increased somewhot. But it is sheer teli-deception, bordering on fantasy, to protend that "ladustry" will or can absorb these arts or sociol studies graduates or, for that metter, raduates in blological sciences.

Industry and commerce together have in racent years probably

sciences. In the physical sciences, engi-

neering and technology the picture is different. In spite of the Prime Minister's opinion, there is little evidence at a numerical sharinge of engineers in relation to demand. Admittedly most electrical and electronic englacers have found

property for polytechnic students are "quive excellent" because "the type of degree or other course will ensure this". He needs to note that the percentage of anomphyed 1976 polytechnic graduates was substantially higher than that of university graduates—7.6 per cent ugainst 5.5 per cent l.

There is a clear layerse relation-ship in the public sector today be-tween rates of pay and numbers employed. A public sector trade nation which negotiates improved conditions of service for its mem-bers does so at the expense of patential new entrants to the public service. This is true of civil ser-vants, teachers, librarians, civil engineers, town planners, social engineers, town planners, social workers, policemen, romisweepers, university teachers and many other

It is not extraordinary paradox that the Trades Union Congress can declare itself concerned about memployment in general, and the unemployment of young neople in particular, while encouraging lis member unions to act in a way which increases the problem.

Very recently, it was announced that the Callege of Air Training 1977 course for training British Aicways pilots was to be cancelled in short notice (at least three 1977 Mainchester graduates will not line to find another job.) The reported comment of the British Airline Pilots Association (BALPA) was to the effect that they welions to the effect that they welwould improve their negotiating position in the next round of pay claims.

claims.

To what extent is the British Medical Association's talk of an oversupply of doctors motivated by similar considerations? Employment for ell is too important to be left to the trade unions. While the interests of existing employees, and the protection of their standard of living, are given priority aver those of potential future employees, the prospects for ell young peoplegic employment will deteriorate, and the forts which come from the Government ond the TUC must bool the crocodile verlety.

Also in the cetogory of fantasy is the tolk ubout creeting one million new jobs. If we ere to earn must living os e mation, it must be through employing fewer people in more highly productive manufacturing or commercial units. British Leyland is to be given £31m, which will produce 500 new jobs. At e cost of aver £60,000 per job—n typical figura for high technology industry—we shell not get once million new jobs thot way.

Our future will depend on the success of industry and commerce celling competitively in world markets, so there we may buy the goods and reiv meterials to stay ellve; but the first construction of the prisoners, University of Lelesster. Venghen popers in dudit education, 21, 1976).

Over the post fow months I have had my own first experience of the colony of fantasy is the tolk ubout creeting one in linguity prison. All of the immotos who gave up their mollbag-sowing or their execuse in order to learn philosophy for two hours each week were livolved in Open University courses (two ere elrendy groding current affaire and doubtlass they were not or representative crease-section of the prisoners, University of Lelesster. Venghen do not he interest to the future to the future traitics when the current and university extre-muced departments the university extre-muced d

selling competitively in world markets, so that we may buy the goods and rety meterials to stay elive; but unemployment con be cured only by en increase in menpower intensive projects in service, and perticularly in personal service, ereos; many of these paid out of the public pocket. These are the jobs gradustes have entered in the post in lerge muniters, and ere likely to want to continue to enter in future.

people employed in the public sector see now better paid than those in comparable jobs in private manufacturing loducity.

"Nothing less than freezing ell public sector calarles et this present level for, cay, three years would saled the previous salary relativities to be restored. This policy would also heve the edvantage of allowing also heve the edvantage of allowing strong, two-way interection between two-way interection between two-way interection between the education of vacuum, with on the impression of teaching in near-decision of teaching in near-decis

also have the edvantage of allowing anomewhet greater recruitment targets for the public sector over the same period."

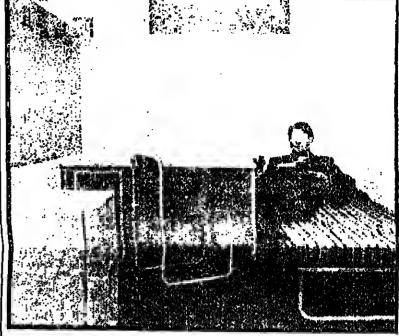
The sting is in the tail of that quotation, Greductes will enrive, even if erts and social studies graductes may now osed to exhibit flexibility of a quite exceptional noture bit looking for jobs. Those we should really be concerned about are the large number of young people with no prospects of a job of ony kind.

The author is secretary of Manchester University's Cargers and Appointments Service

Inguisbes this type of adult course from others, there wes tho usual strong, two-way interaction between this experience and cless discussion itself.

Some prisoners, it seems, became involved in friendly argumento bock in their own wings as a rosult of our philosophical dobetes, or at least used the analytical tochniques they were ecquiring whenever arguments arose neturally.

Wes the denotion of a beg of sugar to a periodular fued of any jess value because the augar had liself originally beguing lift to the denot? Was the cheplain right to the suggest that the burden of proof of the University of Leicester.



Pre-established harmony behind prison bars

Terry Keefe describes

is in liself encouraging, ee decielons about which television cheunel to tune into ere opparently
arrived et democratically), but they
oleo reed quite widely ond with
obvious relish.

And class discussions themselves

hall, inevitally, sometimes to druty fairly heavily apon incidents and situations from prison life.

The dangers inherent in this pro-cess are obvious enough and one had occasionally to restrain a per-fectly neural tendency on the prisoners' part to complain about their lot, as well as one's own desire to and our more about could thous, or about what such apparently inoffensive and police philosophers could have done to be put inside.

Yet this proved to be onch less of e problem than might hove been expected. The disaming frenkness with which most prisoners wero capable at offering unflattering limitations from their own prison with the or problem.

or two of the sessions. It was heartening that the spirlt in which the prisoners approached the difficult and potentially disorienting subject of philosophy was, in general, one of quite admirable open-mindedness and humility.

In fact, I shall miss my weekly ration of potridge in aimost of tospecte, Whether or not the in nates learn much philosophy, such

obvious relish.

On loosely lioking pre-established larmony with the name of Malebrancha for the public brunche, for exomple, I was gently reminded (edmittedly, by the ster pupil) that this was Leibniz's doctrine and era likely to enter in future.

The key to the situation remains, as it did over a yeer ago, contained in the vice-connector, of training the form of the convention of the find over a yeer ago, contained in the vice-connector, of training the first this was Leibniz's doctrine and that Malebrancha is those for each library services by returning certain books, some of Malebrancha is the first pupil that this was Leibniz's doctrine and that Malebrancha is those form of the educational known for occasionalism.

I was gently by the ster pupil that this was Leibniz's doctrine and that Malebrancha is those form of the educational known for occasionalism.

I was gently by the ster pupil that this was Leibniz's doctrine and that Malebrancha is thrown for occasionalism.

I was gently by the ster pupil that this was Leibniz's doctrine and that Malebrancha is thrown for occasionalism.

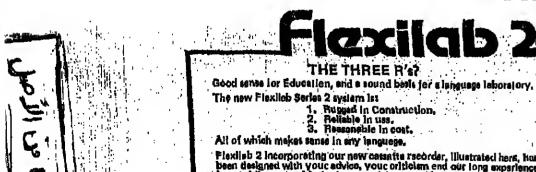
I was gently by returning certain books, some of Malebrancha is the ster pupil that this was Leibniz's doctrine and that Malebrancha is thrown for occasionalism.

I was gently the ster pupil that this was Leibniz's doctrine and that Malebrancha is thrown for occasionalism.

I was gently the ster in sddition to holology to break down naive essumptions about prisons, this kind of course out elso remind us of some of the fundamentals of the educational process A prison may well be one of the first pupil that this was Leibniz's doctrine and that Malebrancha is thrown for occasionalism.

I was gently the first in sidilation to holology the first pupil that this was Leibniz's doctrine and that Malebrancha is thrown for occasionalism.

I was elso rewarded for a belated that the first pupil that this was Leibniz's doctrine and the first pupil that this was Leibniz's doctrine and the first pupil that this was Leibniz's doctrine and the f





Ed Tech 77 keeps successful formula

The successful formula of presenting educational technology in its widest sense, edopted last year of the first "Ed Toch" exhibition, is to be repeated next week in the same setting at Holland Park School.

The successful formula of presenting detected, it is in the number of the introducing debut us the exhibition (Site 71). They include the PLT individual language trainer and both portable and fixed versions of the Digital School.

oralory.
The PLT is self-cantained and

The decision not to have a two-year gop is also proof ther exhibitors, organizers and opensors were setisfied the event had struck the right note and is here to stey.

Visitors will again heve the apportunity of seeing a wide variety of educational software and hardware renging froot posters, slides, filmstrips, films, audio and audio-visinal equipment, computers and science teaching equipment.

If any real emphasis can be insed individually or linked to a console which can be fully portable and offers all essential facilities for audio/active comparative to the fully portable and offers all essential facilities for audio/active comparative that facilities for audio/active comparative to the recorders may be although the variety of foreign language courses which use cassette programmes. It has separate unstantial facilities for audio/active comparative to the recorders may be although to the evariety of foreign language courses which use cassette programmes. It has separate unstantial facilities for audio/active comparative to the recorders may be although to the evariety of foreign language courses which use cassette programmes. It has separately audio/active comparative to the recorders may be although to console which can be fully portable and offers all essential facilities for audio/active comparative to seed in conjunction with a variety of foreign language courses which use cassette programmes. It has separately active language of audio tactive and the fully portable and offers all essential facilities for audio/active comparative language courses which use cassette programmes. It has separately audio/active comparative language of audio in conjunction with a variety of foreign language courses which use cassette programmes. It has separately audio/active comparative language of audio/active comparative language of audio foreign language courses which use cassette programmes. It has self-cautional end of fully portable and offers all essential facilities for audio/active comparative language of audio/act

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the science and resimalogy is they was simply contained on three industries training and education to specific oceds.

Full production services for scriptwriting, musiced selection, rostrum photography, multilinguel commentory series and a large graphics department are oil housed under one roof, to help cut down costs.

Another service being demonstrated by Ferigus Devideon Associates (Size 7) is e proposed computerized retrieval system for audio-visuol information which links telephone, telex and television. The system, although specifically simed at formal education, is also said to be useful for the Ed Tech 77 exhibition, which will be beld from August 22-25 et Hohand Park School, Airlie Gardeno, London Wg, are systleble free from Rd Tech Lod ut 41-43 Charlbert Street. Loodon W3.

Patricia Santing III



HOTICE BOARD

professor of slock control and materials at Blewingham University and deputy director of the Luca-institute for engineering production, has been appulated to a newly created

Dr H. F. G. Swonton, senior lecinror to theology at the University of Kent, has been promoted to the chair of theology from October 1.

Dc M. Allingham, lecturer in econom-Appointments

Lecturer: Mary Burke (Library and Information studies).

Director: G. D. Lewis (museum studies). Senior locturer: D. G. Clay-ton (medical statistics). Lecturers: N. Burrows and D. R. Nowell (law), R. J.

7.18 Complex analysis (15.52) prop 61.
7.40 Man-made History i delina and loch-made History i delina and loch-madey i first of Stategies (1202);
8.00 Serionic and belief tram Contraines to Oanvin; theil on Elect (AUS)

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8.05 Marting mainer of suchely : Pourer in Morting — Sans, brancisco They Area Support : IDIO, 1 noo 201.

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prog 29. An introduction to maleriale | Car Hodles (13231) brog 141. Hodles (13231) brog 141. opica in pure methometics | flack-

Saturday August 20

Processor David Aletenit, professor of economics, University College, Cardiff, hus been appointed to the chair of economics at the University of Kent. He will take up his appointment on January 1 on completion of his second-otent as a special adviser to the the partners of Hoalth and Social Security.

Mr. Robin Michael Busker, senior lecturer in tha department of United States, for three years.

Or D. J. Wobblington, senior bringer in the University of York, has been appointed to the chair of Chemical education.

les at the London School of Ermanoles, has been appointed to the chair
of economic theory at the University
of Keot from October 1.

Mr A. D. J. Flowerdew, senior lecturer
in economics at the Landon School of
Economics, hos been appointed to the
Chair of management science at the
University of Kent from October 1.

presidence of the University of London
deputy director of environmental
lass been appointed to the chair of
biology at the University of Exect.

/Forthcoming events:

The Welsh Association will be a ling o four-day meeting at the testing of four-day meeting at the testity College of Wales, Abeyer from September 1-4. Topic september The Industrialization of the Cultium and Four-dament of Matoric Wales. Further information, department of the College of the

A conference to bring about dark, and the arts cluser together 18 2 held from September 12-4 notes wersliv of Notlingham, appeal in Notlingham, appeal to the Notlonal Institute of And Education with the compension of the Education with the compension of the Education of the Institute of the Ins Connell and Gulbersian fight details from Derek I. 2022 deputy director, National India; Adult Folication, he Monitoric, 198 De Monifort Street, Lettern; 7GH.

The Brilish Association for e. Studies will find its annual of ence at St Antony's College from tember 15-18. Further deals a the Secretary, British Associate Chinese Studies, University of E. Bristol BSS 1118.

Noticeboard is compile! by Patricia Santinelli

callon ", a residential conference, will be held in the Stanford Hall of the University of Lebester from today Intended to bring together from both shies of the Atlantic teachers, calicathat lecturers, psychologists and philbis-In moral calicultum. There will be an emphasis on the work of trofessor Laurence Koliberg of Harrard Un-yorshy, Parther details from the Con-

Oxford, St Jnim's

Demonstrator and lecturer: P. A. Cox (laorganic chemistry).

Salford

Assistant director: M. L. Armitage (rootputing laboratory). Lecturers: G. Quinn (physical education); G. Zis teronomics).

Linel studies). Research follows: S. A. Boffey, 1. Walker (index); C. Chaigillalogin and J. Foxail (chemistry); J. A. Walker and M. R. Welton-Couk (physics); R. P. Fleisher Ipsychnology). Temporary lecturers: Resentary A. Lees (English and related therature): H. L. Butcher (sorlal administration and social work).

York

Pronotion to reader: R. E. Hester (rhepitstry). Promotion to sentor lecturers: G. L. Kellett, M. B. Usber (blology); J. Kelly (language); J. P. Heawood (philosuphy); R. K. Aiderman (politics); D. Linstrum (advanced nrchitectural studies). Directur: C. R. Illill (Centre for Southera Airican Studies). Provost: N. Rea Hangwilth Chilege). Head of department; Core: C. M. Larcouthe technology). Schmidnester telbury: D. G. M. Dusser (communics and re-

North American news

College funds get tax scrutiny

WASHINGTON One of the most powerful agencies in American public life is the Internal Revenue Service, which overy so often takes a hard lonk at the all-impuriant tax exemption tegulations until sends shivers down fastitutional spines. Recently, the service has begun prying lote a whole range of university-related activities.

What is causing most worry is o proposal to tax revoluces from radio and tolevision broudensts of sporting events. This income can be considerable, and large unlbe considerable strong teams depend licavily on it to subsidize their entire sthictles programme.

entire sthetics programme.

Up till now, breadcasting rights have not been taxed, but the service has questioned aeveral southern universities including the University of Kansas, Texos Christian University and the Southern Methodist University, and has began to investigate the activities of the Cotton Bowl, one of the major regional college Amarican football championships.

Two rulings have been issued in whether universities are pullical unhidivisions and, as such, able to Issue such bonds. One holds dial a state university is not a pulitical aubdivision because h hos fow of the principal powers of sovereignly such as "the power to tax, the power of entinent dumain and the police power."

The second ruling holds that o community development authority is also not a political subdivision. This means that most perborities and support argunizations that work in conjunction with state universities would have to pay tax on bonda they issue, severely cutting their value.

one being rhallenged by the Aleerlean Chancil on Education, the umbrella body which speaks generally for the higher education commonly. However, the council recently loss another dispute with the IRS, an the question of alumnity avel.

The IRS seems in be mounting a general blitz on newlenic institu-rious, sniping from all sides. Another orea now being jurestiga-ted is the use of university premises as conference centres. The IRS wants to charge the until rents recoived during the vaccious for these centres while the American Council on Education is trying to find out whether exceptions would he made for conventions that university members attended, meetings of non-profit associations and so

The policy of the service is clear: they want to raise an much money as possible. They feel that universities have began to extend the defination of their acodemic function too far, and various fringe activities, which have gut owny without being taxed, should no longer be exempt.

has began to investigate the activities of the Cotton Bowl, one of the major regional college Amarican football championships.

Another battle is being fought over the status under which universides can issue tax-except bonds—a principal means of raising captal for state universities and, in the status considerably. The state universities and, in the state in the state is increased considerably. The state universities and, in the state increased considerably. The state universities and in the state increased considerably. The state universities and their scale and financial state increased considerably. The state universities are state universities and their scale and financial state increased considerably. The state universities are state universities and their scale and financial state increased considerably. The state universities are state universities and their scale and financial state increased considerably. The state universities are state universities organizing chorter tours and ledge of their olumni about the state increased in the state of their olumni about the state of their was a great dispute when the state of their was a great dispute when the state of their was a great dispute when the state of their was a great dispute when the state of the recturers children, which is often affect us of supplies and ledge of their olumni about the state of t

Spending on research up 9 per cent

rescarch and development grow nine per cent in the 1976 financial yanr—two por cant more than the rate of Infiation. Total spending was \$3,700m compored with \$3,400m the provious year,

Two-thirds of this autoont (\$2,500m) come from Federal Government sources, on increase of seven per cent over 1975. However, support from other sources increased at a faster pace, rising 13 per cent to \$1,300m.

Puck receively accounted for 68

Basle research accounted for 68 per rem of acudemic research and davelopment spending in 1976, applied research 27 per cent and other dovelopment activities five

per cenl. shift in the proportion of support going to basic and applies rosearch neer a six-year period. In 1970, insic research received 77 per cent of funds, while applied resurch got only 18 per cent.

Arens with the largest growth in expenditure were engineering (up 16 per cent), the physical and enrironmental sciences (up 11 por cent cach), and life sciences (up 10

cent cach), and life sciences (up 10 per cent).

The University of Wisconsin an Madison reported the Isrges separately hadgeted research and development expenditure lost year, with \$98,070,000. Next highest were the Massachusetts Institute of Technology (\$94,280,000), The University of Colifornia at San Diago (\$02,257,000). The University of Michigan: (\$78,179,000), and, The University of Michigan: (\$78,179,000). According to the National Science.

According to the National Science.

Also, the college, occording to the National Science.

Also, the cell of The CEDT is nicionly social science students. The second is through of the second is through only of the second is through only of the second is through of the second is through only of the second is throu

Protest fears grows in murder aftermath

The number of the Federal Repulthe funder of the reneral kepan-lie's chief federal prosecutor, Herr Baback, hy extremists in April of this year has revived the activity of left wing groups unmag univer-sity students and staff. Fears have been expressed that a second wave of extra-parliancutury opposition may be in the making.

Ar the heart of the present cantroversy is an anonymous obinary for the chief prosecutor which first appeared in the official Göttingen etudent nowspaper. It discussee in rether confused and sometimes naiva terms the usa of violenco ogainst n repressive political and social system as supposedly exista in West Gormany.

While he amher in the end odvises ngainet political murdor ho confesses that he "could not and did not wont to hide his innermost pleasure at the killing of Buhuck" A few monlis agn, for exemple, there was a great dispute when the IRS wanted to tax the benefit of free tuition for lecturers' children, which la often affered us o supplementary benefit for university toochers. On that occumben the IRS lost, it was, however, only the first small in which was avenually to the area of the lost of the old order."

These area of the killing of Buhuck "und he goes out to say that he date that he date and the goes out to say that he date the cannot incline this foce in the little red and black regular that he date will publish after the revolutional will be goes out to say that he date the cannot incline this foce in the little red and black regular that he date was a little killing of Buhuck "und he goes out the say that he date that he date the little red and black regular that he date that he d

These and other cynic and dis-respectful statements contained in the article soon guined widesprood publicity. Other student unloos, for example to Bochum, reprinted the ordele in their own student news-powers.

exercial regional governments who exercise strict enated over Geroiou universities and university authorities themselves reacted strongly, and, on the request of the government of Lower Saxony, the Hanover sdoilnistrative court instructed the Göttingen student union to dissociate itself publicly from the controversial article. The union refused to do so

io do so. Similarly, the North Rhine Wosi-plasia Minister of Science has control proceedings against those esponsible for the Bochum reprint,

and, in Tukingen, 28 members of the student rouncil of the depart-ment of Protestant theology sent flowers and a letter of sympathy to

the suspected marderer.
The action was welcomed by the students union but his been con-dedined by the stuff of the depart-ment, the German Principant Church, and the president of the university who, however, decided not in take ony legal action against

the students.
The whole offsir has now, however, ussumed much wider propor-tions. Many students and staff feel that the real issue of stake is that of freedom of thought and expres-

This, or losst, is the argument udvanced by 48 university teachers and lawyers who recently published the entire objinary, knowing that they were probably committing an affence. They orgued that virtually all the mass medin hove charocterized the obligary as a pradigm of "thin fascion", without having printed the text in full. They want a free public discussion of the entire a free public discussion of the entire orticle which, they claim, initiates a "process of reflection" on the candilinus of viulenco provalent in

canditinis of viulence prevalent in our society.

Their stotement provoked the Berlin Minister of Science to address an open letter to the 12 Berlin professors emong the eignstories of the brochare. He reminds them that by publishing the complete text of the oblinary they give it an ours of public sanctice. He regrets the absence of any critical onlysis of its content and any aftening on their part to express my serious reservations about it. Ha uccuses them of contributing to a questioning of the consensus, that

uccuses them of contributing to a questlaning of the consensus, that used to exist in the Federal Republic notif 1972, that morder is cot a legitimute means of politics.

In Lower Saxony, the Minister of Sciance has initioted e disciplinary investigation ogalast the 11 priversity teachers who helped to edit the unicle.

Exam boycott raises doubts on civil service entry

from our correspondent

PARIS

The Ecole Nationale d'Administration, Prance's counterpart to the Civil Service College, fuces the threat of estudent examination bayers.

The threat, without precedent

students train this to be open to negotiation. More importantly, they want appointments to the undistribution, prance of finance, defence, foreign of finance, defe

threat of student examination only coil.

The threat, without precedem since the foundation of the culloge in 1945, was sparked off by the resignation of four Confederation Francaise Democratique du Travail dent representative body. The CEDT is the major non-communist trades unlen organization in France

The resignations came in protest in the second is through a competitive examination open to the public and universities. Most entrants come from the Ecote des Sciences Politiques and era moinly social science studeets.

The second is through other games écoles, such as the prestigues de la contraction des successions de la contraction de succession de la contraction de

According to the National Science Functional spending this your will reach \$40,800m, 9 por cast up on lost years. However, taking inflation into eccount, this would probable to the protesters, acts simply ne or the productivity.

The difficulties faced by entrants the future career of college grodu.

Universities

Newcastle upon Tyne

Open University programmes August 20 to August 26

Northero arts literary fellow: Editard Bond, William Leech, Reader: Graham Mirhael Teasdale (ocurosorgery).

Inters: C. J. Eyre (oriental studies);
J. C. W. Schenk (eduration); P. M.
Johnson (longunology); R. J. Beynon
(vererinory blockeoistry). Temporary
lecturers: Jendifer M. Hunter (amesthesia); A. K. Grice (law). Schlor
demonstrators: E. P. M. Williamson,
R. Bellators, E. P. M. Williamson,
G. A. Trotter, L. Wood (suatomy).
Tutor: J. le Bot (French).

Administrative secretory and clerk of the socate: Peter Toylor, Reputy secretifies: Peter Gouldil (services); Philip Rowley (establishments).

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Wales, Cardiff

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Wednesday August 24 Gaft Lighted are no discrete to be refute and les linday. This challing Verbit flates in the lightest of Maley. This challing Verbit flates is Maley. The last light was the light of the light with the light of the light was the light of the light was the light of the light was the light of the light of the light was the light of the light was the light of the light was the ligh

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10.48 Ecolomics and interaction Puricy is a 4.00 Recolomics Produced in the Committee of th

Carter ends battle over humanities post

considered. The previous chairman was forced to resign after charges that the endowment had become "elitist", serving only a coterio of scholars, and the subsequent debate has highlighted the courmous importance of this government agency in promoting American thelership.

The Notional Endowment for the Humanhies was sol up in 1965, along with the more celebrated Endowment for the Arts, to encourage the advancement of such subjects as ligrature, linguistics, philosophy history and prespectors. Jophy, history and archoeology. Stating with a small budget of only \$2m a year, it has become of the largest of America's foundations; and last year distributed \$24m.

The purpose of the collowment "to prounte progress and dolarship in the humanities". It

President Carter has ended seven months of bitter academic in-fighting by vaning o new chairman for the Rational Endowment for the Humanities. Ha Is Mr Joseph Dulley, Assistant Scoretary of State for Cultural Alfalrs, who was, until this year, general secretary of the American Association of University Professors.

The search has been a long one

The search has been a long one with more than 20 candidates being considered. The previous chairman was forced in resign after charges that the endowment had become "chists", serving only a coterio of scholurs, and the subsequent debate has highlighted the engrinous

He halon.

How Mr Doffey intends in chango the image is not clear. The community of scholurn has been rather sour-faced about his appointment, not so much because ha does not hose scholarly credentials—it has a PhD, and laught for a while ni Yole—but because cach labby wanted its own representative to be appointed.

Mr Dofley does not prapase say bold new programmes, and says he wanta to work through existing channels. He wants the humanities to take the initiative in redefining "national values", calling the humanities "those disciplines whose

cholarship in the humanities." It is the state and local programmes, the parameters of research the control of the issuapport centres of research the control of the issuapport centres of research the control of the issuapport and the issuapport appointment with the jub of popularizing the interest of the control of the issuapport is an every present feat in the parameters and with tight downers work has taken on increasing importance.

However, Senator Claiborno Pell, who

resignation work his taken on in many parts of American life, and excellence store life, and excellence life



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How not to fill vacancies

very surprising. Out of these two clothes.

sible. Most would agree that it is desirable. That is why most British universities and colleges are so good about advertising johs openly.

In the United States in contrast the slave market of academic conventions is uften still the place where talent is hought and sold. American colleges have only begin to advertiso jobs in recent years because they have been farced under affirmative action pulicies to enable where were and blacks. The criticism in Britain in fact is oro sometimes advortised at con-siderabla cost for reasons of proprioty oc even prestiga when o privete search for candidotos would be just es effectivo und

The first resction of many people in outversities—perhaps a majority—to the reveletions about how at least some ocademic appointments ore anale at Cardiff is that it is disgreefed. Their second reaction is appairaments that are made in an arbitrary and empirically and e that it is quite exmusu and so not not musuperaile in constitutional

In day-to-day practice, of course, there are even greater differences between institutions. In some the word of the principal or director is still law, in others the head at department is the hamium of figure in making appointments. In a few, perhaps, the appearance of collective decisions is not too far divorced from reality.

It is possible to lay down some general principles which should be observed in making academic uppointments. For example, they should be publicized as widely as possible and recommendative for

Curdiff.

It is more difficult to devise of detailed rules about the rule of another devoted to flower arranging another devoted to flower arranging as part of an activity called adult education can of course be justified.

Not yet a woman's world

The deastic reduction in pisces of the colleges of education which have traditionally provided education as well as training for both young and meture women is a setback to the slow progress which women have been making in the world of higher

LETTERS TO THE EDITOR

Cardiff states its case

The applicant reply to this lower symbolic control lat week to provide the control of the provided the control of th very surprising. Out of these two parts is before the chinice between the candidates, the thin the Francis report and the further of January 17, 1977, "the principal invited that it in a letter of January 17, 1977, "the principal invited that the thirt the candidates and principal invited that the chinics as reported

shund be printized as widely as possible and responsibility for one else to reply in Professor T. F. one widely spread as passible. These principles were clearly violated at Curdiff.

We would do well to invest in this kind of adult elife, for such they article (THES; July 215). To lump tagother for adult strative companions the community, and I do know something encura university extra-nural class It can olso be argued that if the trawl should be as wide os possible then the mesh of the net should be as fine as passible, so there is nothing inherently wrong in drawing the attention of possible camildotes to e job or even eacouraging them to apply.

External examiners (or even how they are how they are chosen) or the degree of participation by non-specialists. Above all, it is difficult to ensure that no mean or woman is really education can of course he justified in the sense that no man or woman is really education can of course he justified in the sense that no man or woman is really education can of course he justified in the sense that no man or woman is really education can of course he justified in the sense that no man or woman is really education can of course he justified in the sense that no man or woman is really education can of course he justified in the sense that no man or woman is really education can of course he justified in the sense that no man or woman is really education can of course he justified in the sense that no man or woman is really education can of course he justified in the sense that no man or woman is really education can of course he justified in the sense that no man or woman is really education can of course he justified in the sense that no man or woman is really education can of course he justified in the sense that no man or woman is really education can of course he justified in the sense that no man or woman is really education can of course he justified in the sense that no man or woman is really education can of course he justified in the sense that no man or woman is really education can of course that no man or woman is really education.

Centre of Studio Coventry Cathedral, Sir,-Professor Daveney was right

In pointing to the voly distinctive change over the past ten years in attitudes towards adult eduraor a Burkingham Palace garden purey.

But in the present cruze for administrative tidiness and economy we really have to lay it on the liae, as the current phrase goes, that university extra-anural tenching is precisely what it says—it really is an exteasion of oniversity work.

Now the Americans in their wisdam actually do call the university departments their field of the country: they provide on distance anything delimite had been done with the helm. Sleayly they beached or difficied into sidewaters: at flood of jargon swept down-brain. The quite special connection.

The comparation is place as the stable where the state of the caught which we seem is a reback to the bloom making in which women have education.

When it is coupled with the recent that the caught which women have education at the caught which women have education.

When it is coupled with the recent was the caught which women have education in the word of higher countries of the caught when the caught which women have education in the word of higher countries of the caught when the caught when the caught with the recent was the caught when the caught with the recent was the caught when the caught with the recent was the caught with the caught when the caught with the recent carry requirement that the caught was the caught with the caught was the caught with the caught was the caught with the caught was the caught was

Yours faithfully, W. H. C. FREND. Chairman, Association of University Testes Scotland,

Marxism in universities: the need for tolerance



Rabin Blackburn : an early rictim of political dissent

appropriate sines in the eyes of their assellants because of the growing importance of the definition of the source of the growing advanced knowledge in maintaining the fabric of the state.

Secondly, the noticed and content the success of the state.

crumbled.
The left looked for more radical

The left looked for more range, solutions, hence the grunning interest in Marxism again. In reaction the right begen to repudiste its under the right begen to repudiste its under the problem: the ability of higher education institutions to tolerate and even assimilate currents of in the problem. the right begen to repudiste its un-ensy acceptance of the social demo-cratic stete. Universities could hardly expect to remain untauched by this polarization of outlonal

the suppression of the non-university

granyth known in history it was cleor that granyth known in history it was cleor that granyth was not enough to ensure social progress; in the 1970s it saon become apparent that was could not langer expect even to early optimize the ending of similar programs. The growth of the growth of dissent is as much a result of the growth of dissent is as much a result of the growth of dissent is as much a result of the growth of growth. The growth of the growth of dissent is as much a result of the growth of dissent is

supporters and more threatening to this inaccurate and impropolate thase who rejected its philosophy label like a medal won in some threatening to thoodest idealogical war. For the politically uncommitted and those tonmitted to the priociple that the precise meaning at wards should be maintained it is all very confusing. So before any sensible discussion can take place of the very important issues of respect for outhority.

ence-and the interest-of its poli-tical paymasters and crudes its abi-

tical paymasters and crinics its ability to impose internal discipline by means of a cohesive academic tradition.

The fact that such dissent at present has a largely Marxist manifestation increases the tension because it raises important philosophical phestions about the quality of truth. The further fact that such dissent is no longer always expressed in abstract and pulite terms within well known if invertines rules of academic conduct but sanctimes crudely and occasionally even violently in will all divegaed of such rules raises the pressure still fur-

ther, The dissenters face a similar dilemma to that confracting the aga they wers able to argue that universities and colleges could be regarded as neutral territory insu-lated ts sume extent from the political rigners of the omside

Today after the rapid expunsion in the 1960s and early 1970s of pru-fessional cultention of a highly Serandly, the political and social sexperience of the last 20 years has sharpened idenlogical conflict and made explicit conflicts of values that in the remained implicit. In the 1960s application was undermined and made explicit conflicts of values that in the remained implicit. In the 1960s application was undermined and new students was undermined instrumental ribarcter rather flow meant that there were fur fewer community.

Same would orgue also that the Robbins exponsion led to increasing the tension between the still conservative forced to revise their apinians.

By the end of the dersde af perhaps the most explosive economic growth known in history it was clear that this expension inevitable particular that the same conviction. Some would orgue also that the Robbins exponsion led to increasing the tension between their idenlogical conflicts of the tension between the still conservation and their lossitutions of the tension between the still conservation in the time tension between the some conviction. Some would orgue also that the Robbins exponsion led to increasing the tension between their identification of the deficit to use this increased.

But it is probably a conflict of the tension between the still conservation in the time tension between the some conviction. Some reading meant with the scale discent. Some this increased in the tension between the still conservation in the time tension of the tension between their increasing the tension between the still conservation in the time tension of the tension between the still conservation in the time tension of the tension between the still conservation in the time tension between the some conviction. Some traditional academic education in the time tension between the some tension that the time tension between the some tension to the time tension betwe

remarked on the phenomenan al "academic drift" whereby institu-"academic drift" whereby institutions ospire to the conditions and
status of other institutions higher
in the literarchy of ecademic
esteem. Much less remarked on,
but perhaps mare important is the
contrary phenomenon, the increasingly centrifugal character of
acodemic life in the same peclod.
The present intellectual intuance
of Marxism is a symptom as much
us a cause of this incyltable ten-

Peter Scott

Can we join tool-making and literacy in a third culture?

Christianity debate

In the aftermach of the Prime Miniter's speech last nutuum at Ruskin a consequently amount of discussion of the Computer.

Sir. - The article by Doo for the Sir. - The article by Doo for the College, Oxford, there has been a consequently by and education con better face in the discussion of Christanity by and education con better face in the discussion of Christanity by and education con better face in the discussion of the consequent in the teach is a useful ortifact; each is made by the skills of men the taolmaker.

But a change in proctice, however for last way. It is true that there has been were the consequently for the past compared with those of more conservative forms of the start o

important us a badge of aocial standing.

According to Carlo Cipolla, in Literacy and Development in the lifest, only about 1 or 2 per cent of Europeana, inhabitants of one of the world's most sophisticeted areas, were able to reed and write a through the sound years ago. By the statement century, there was "a growing supply of literate craftsmen". By ohout 1700, some 70 per cent of Europeans were still liliterate (60 per cent in Protestant Europe, 75 d where Christians is both passage of both involved. It is not much that the control of the cont

started to produce monnered, lettered, toolnakers, we British took a most eccentric step by inventing, or et leest readapting, the professions as the appropriate puttern for behaviour for ell middle-cluss groups.

The originol prafessions were broadly self-gaverniag groups, the doctors, lawyers, end elerics from medieval days, peoplo who stressed their position in the community in terms of giving selvice and exercising social responsibility. They were small town lettered individuals who their position in the community in terms of giving solvice and exercising social responsibility. Thay were small town, lettered individuals who ete with the aquire. Conduct was have after a group of peers. It is give certain types of advice for a fee. The special position of each was supported by the existence of its awn book of know letterate people, who were specially concerned with tools and still mannered enough for high table. These were the learned profestal and degree were the learned profestal and the community in terms of giving sdvice and exercising social responsibility. Thay were small town, lettered individuals who ete with the aquire. Conduct was have advice for a fee. The special position in the community in terms of giving sdvice and exercising social responsibility. Thay were small town, lettered individuals who ete with the aquire. Conduct was have advice for a fee. The special position in the community in terms of giving sdvice and exercising social responsibility. They were small town, lettered individuals who ete with the aquire. Conduct was in advice for a fee. The special position in the community in terms of giving sdvice and exercising social responsibility. They were small town, lettered individuals who ete with the aquire. Conduct was in advice and exercising social responsibility. They were small town, lettered individuals who ete with the aquire. Conduct was in advice and exercising social responsibility. They were small town, lettered individuals who ete with the aquire. Conduct was in advice and exercising social responsibility. They were small town, lettered individuals who ete with the aquire. Conduct was in advice and exercising social responsibility. They were small town, lettered individuals who ete with the aquire. Conduct was in advice and exercising social responsibility. They were small town, lettered individuals who ete with the aquire. Conduct was allowed after the product of the small town, lettered individuals who ete with the aquire conduction.

Furtheroire, Mr Dancy confused as by arguing that the Greeks did not scorn "technology", whatever that is. The critical point to note is that even ancient Athens, famely on the horse of downgrees that its es the home af donacracy, kept its cooftsmen toolmekers in a special ghetto out of the way at the bottom of the hill. Virtually made had a



Political notions in educational thought

Wornock's book brings a precial of fresh air loto the philosophy of education and it cannot fall to become required reading for all students of educational phory.

Thu first school of thought that are examines is educational egalications. Her oloi is to determine whether equality, which she takes to be the supreview example of u political ootioo, enu "dictate" of the curviculum implications uf exaliting that examines she beglos by organing that egalitarium coosiderations olone are out even sufficient to determine have education of one that the burst of the good life is this attitude—a reasonnest of the good life in many matters, including what is possible to judge that of the curviculum implications uf exaliting that of the curviculum implications uf the curviculum implications

the longth of the working day, etc. that surely, these are only pallianives. They are only pallianives because there is a basic contradiction in the idea that liberal education much be interested to be a preparation for life. The ideal of liberal education has never encompassed within it the proper recognition that men produce their own organs of material existence—or cathor, in assumes that the material basis of disteral existence—or cathor, in assumes that the material basis of disteral existence—or cathor, in assumes that the material basis of disteral existence of cathor in a summer of the produced by people who are not cathorised to the second basis of the produced by people who are not education which is appropriate for everyone, we must begin with a radical recappraisal of the significance of labour coul production in human life. And of course, such a miversal ideal would under four a place in a demandably changed political and communic world.

Grenville is a controlly axtremoly significant place in a demandably changed political and communic world.

Grenville is a controlly axtremoly significant place in a demandably changed political and communic world.

concluding section is largely con-

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War as an economic event

The author, as both, the former of the Landon has an interest of the former of the Landon has an interest of the former of the Landon has an interest of the former of the Landon has an interest of the former of the Landon has an interest of the former of derod upon the foct that this would have required a devolution of idelsion-making powers out of the hades of the Führer. The mossence of millions of eble-bodied Jews and Slovs at a time of cente lahour shortoge was, to say the least, potently ogainst Germony's economic set into the industrial labour force os this would have contraged the Nozi ideal of womanhood. When towords the ond of the word industrial labour force os this would have contraged to mobilized into the industrial labour force of the Nozi ideal of womanhood. When towords the ond of the word industrial labour force of the Nozi ideal of womanhood. When towords the ond of the word industrial strongly refutes the kind of woolly thinking that sometiones equates for sets of the conflict of the con

Marxism at work

The Yugoslav Experiment 1948-1974 fours he shared in those years".

until the revivals axperienced umler Jo Grimood and Jeromy Thorpe. the social changes or grass roots

outhor believos-or lenst by impli-

Mes migroling to left or right. Asquish and Lloyd George in leoat their followers were less amenable. The Asquishlons, in porticular, were manipulated by a group of party leader in Belgrode, hended motivated by a potent mixture of intense loyolity to their leader and fanotical detestation of "the Gont". They ocither forgave nor forgot, Lloyd George could be a good hoter himself but was excelled by Runciman, Macloan and Phillipps. The Liberal organization was rickety and Lloyd George was bored by irrganizational deteils. The Lloyd George political fund was an enduring cause of controversy. The Conservatives bad solid strength and swiftly recovered from the divisions of 1922-23. The Lahour party, while annorphous, possessed the suppart of the trade unions. The electoral system handicapped tho Liberals, as it has done ever sioco.

Despito fleating lodications of sprighter future, Lloyd George's the suppart of the trade unions. The electoral system handicapped tho Liberals, as it has done ever sioco.

the Yugoslav Experiment 1948-1974
by Dennisun Rusinow
C. Harst, £9.50
ISIN 0 903983-65-6
The Albaoians: Europe's Forgotten
Survivors
by Anton Lagoreci
Gollancz, £8.50
ISBN 0 575-02229-9

During the last five years there has been a spate of books in English about Yugoslavia—to which t have been a spate of books in English about Yugoslavia—to which t have been a spate of books in English about Yugoslavia—to which t have been a spate of books in English about Yugoslavia—to which t have been a spate of books in English about Yugoslavia—to which t have been a spate of books in English about Yugoslavia—to which t have been a spate of books in English about Yugoslavia—to which the terminary Yugoslavia.

If we have no shortage of useful

If we have no shortage of usels works on modern Yugosloria, the position rogarding Albunia is less happy, but it is genting better. Mr Logoreci's The Albantans: Europe's trivel hooks; general surveys; conomic and political analyses; wartime remialscences by members of British military missions; and scholarly ossessments of the tangled web of diplomacy, espionago and civil war to which the Yugoslavs were enmeshed during the Second World War.

The latest mildition, by Dennison Rushow, The Yugoslav Experiment 1948-1974, affers a detailed chronological treatment of the evolution of Yugoslovia since the break with the Cominform in 1948. There is a

As Mr Logorcci describes that Albanian press, so 1 longine are the other media: "the duliest and least informative in the whole of Restern Europe. Its general tone is preachy, exhortative, patronizing ond self-righteous."

It is a plty that Radio Tirson does not have available the services of Mr Lugmuch, who has worked for the problems of the economy, nor arouse one's interest in his nativa the social changes of grass roots lovel, which have occurred on a coosequence of whot the nuttor calls the "Yagoslav experiment".

Ono gets the impression that the people, from Skouderbeg to Huxba.

people, from Skonderbeg to Husha.

For most uf their history tha Albonium have lived under foreign rulo, and even during the poriod of moothal independence, proclaimed in 1913 and reestabilished after the First World Wor, they have been subjected to the economic, political ond military pressures of their neighbours. Almost as many Alboniana live outside the country as in it, the lorgest group, numberlog over one miliboo, occupylog the Yugoslav territory adjacent to the Albanian border. During the interwar poriod the ottompt by Bishop Fan Noli to establish a liberal perliamentary regima foliod, and the aoif-appointed and bogus King Zog ruled Europe's most bockward state until the mounteback Mussolini kicked him out in 1939. Yet, le spite of all this, the Albanians have rotained their languaga and culture, and nursure a fierce national pride.

A doctrine for the bourgeois university

One of Durkhelm'a most important jobs in this oew post was to give a course of lecturos oo pellagogics et the Ecole Normala Supericure, attendance at which was compulsory for sell studeots attempting the concours d'agrégation in orts and sciences. Since he delivered these lectures for 10 successive sessions in the immediate prewar, period, it may be supposed that what he had to say with have otoulded to some extent the attitudes of mind of a whole generodoo of French school masters and mistresses, many of whom ware still taaching at the outbreak of the The Evolution of Educational The Evolution of Educational Thought: Lectures on the Formation and Devolopment of Secondary Education in Franco by Emile Durkhelm translated by Poter Collins Rontledge & Kegen Poul, £7.50 ISBN 0 7100 8446 3

Second World War.

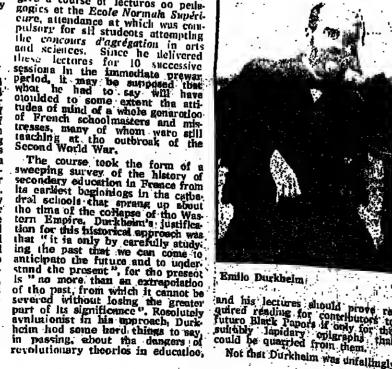
In 1902 Ferdinand Bulsson resigned his Surbonne chair in oducational science on oloction to the Chambar of Deputies. Formerly director of primary education in the Ministry of Poblic Iostruction, Bulsson had been closely involved in involvention. the reforms introduced by Jules Ferry which broke the Church's hold on the University and established the feture pottern of seculor education to the Third Republic. In electing his successor, the Faculty of Latters in Peris, cast, proved for In electing his successor, the Facufty of Letters in Paris cast around for a man committed to the seme moderotely propressive, anti-clorken ideology as Bulsson had subscribed to. They believed they had found him in Durkheim who, over the previous 1S years, had been leaching in the University of Bordoaux, and the outragod comments on this appointment volced both by leftwing ideolists like Péguy and by Catholic reactionaries like Mussis furnished presumptive evidence that furnished presumptive evidence that their choice had fallen on the right man for their purposes.

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Emilo Durkheim

and his lectures should prove required reading for contributors to futuro Black Papors if only for the suitably lapidary epigraphs that could be quarried from them. Not that Durkhaim was unfallingly

hostile to innuration. He gives a sympothesile occurred with organing the case that followed his resignation, organized by the Conversion and shollshed under the Consulate and shollshed under the Consulate and biolished under the Consulate and Erasmus's electron of Liona and parties, so other hostograph traching schools, is virulent nod anust have spoken in his dov. Durkhehm's whice classics was a the large of the parties of the strong of the private and the strong of the period in the crisis of 1931, which is on was onto produce the strong of Lloyd schools of the period of Lloyd schools of the expressed it, where the case of a party leader, a publication of private scientists or historians, and the expressed it, where the followed his resignation in the turbulent to as prime milister and culming the natural scientist that had in the crisis of 1931, which is the effective end of Lloyd scientists or bictorians of private affective end of Lloyd scientists or historians, and the expressed it, where the followed his resignation is as prime milister and in the crisis of 1931, which is the affective end of Lloyd scientists or bictorians of the private affective end of Lloyd scientists or historians, and the expressed it, where the followed his resignation is as prime milister and in the crisis of 1931, which the affective end of Lloyd in the erisis of 1931, which the affective end of Lloyd converted to the private affective end of Lloyd in the erisis of 1931, which the affective end of Lloyd in the erisis of 1931, which the followed his resignation to be as prime minister and culming the matural scientist of a private affective end of Lloyd in the erisis of 1931, which the affective end of Lloyd in the erisis of 1931, which the situation of the private affective end of Lloyd in the erisis of 1931, which the first part is on private affective. The private affective end of Lloyd in the erisis of 1931, which the situation of the private affective end of Lloyd in the erisis of 1931, which the situation of the private aff spoken in its dov. Durkhehn's direction to on education confined in the classics was not that it was itseless but that it was itomoral, both because only culture which is exclusively or essentially oesibetic contains within itself o gorm of immercility or at least of inferior morally ", and also because, especially in the Jesult schools, the spirit of emulation (who would be top of the class in Latin would be top of the class in Latin verse?) was doliberately fostered among the pupils to the point where class work came to involve, as he says, "e kind of perpetual hand-to-hand confilet."

On the whola Durkheim concerns binself far less with teaching methods that its, prubably, what an English has book; Ruus-eau, for axample, is eccorded nu more than the concluding section is largely con-

oken in his dov. Durkhehn's altice in the coordinated in the story of the discovery in the coordinated in the story of the discovery in the coordinated in the story of the discovery in the story of the discovery of the story of the class in Latin coordinate in the point where so in the story of the class in Latin conflict."

The formal laws the discovery in the story of the class conflict, to challenge in the construction government with the younger generated in the conflict of the laws of the class in Latin condition where it is which the point where it is the conflict. The point where it is the conflict of the laws of the class conflict, to challenge it is the conflict of the point where it is which the point where it is the whola burkheim concerns in the coli of the first probabilities on the conflict of the point with th Donald was os implecably design to Lloyd George as was reducing In the case Lloyd George





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Northunger Abbey and Persunsion: A Selection of Critical Essays edited by B. C. Southant Macmillan, f4.95

The nunrk of an ingentous critic (though not necessarily of o gnad one) is if he can find samething entirely new to say about Jane

though not necessarily of goard one) is if he can fluid samelling out in the case of his case of the c

which marks the first real trousfor-unith marks the first real trousfor-unition in a critical consensus which by this time was simply becautatory thanksgiving, llarding's deliberately

iconorlastà essay discovered a "fouch of paranola" heneath the lightness, unexpected astringencies in Aliss Austen which had been previously overhooked or misread. Even though the editor (Fsposes of one of Harding's main pieces of evidence with a near piece of his-torical research published for the first time in this casebook, Hard-

Brecht's theatre

Brecht the Drentalist by Ronald Gray Combridge University Press, £7.50 ISBN 0 521 20937 4

Fin

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It is probably not gonerolly realized that the first full-length studies of lirecht's work were nublished in English and Amorican writers have played a considerable part in establishing and Amorican writers have played a considerable part in establishing and confirming his prosent regulation os one of the most outstands for the twentieth coutury. John Willett's Thootre of Detroit Brecht, which appeared in 1960, introduced precing to public unconculted with Brecht's united and for all in the real part in consumer what had of plea for interest in Brecht who called the English Aspect's to show how the Anglo-Saxon world was reflected in Brecht's missing the propagate of the church that inclinate a chapter on what how he had been influenced by Shaw. The present volume reflects show how the Manglo-Saxon world with the church that stakes uldece in corp. The present volume reflects of the church that stakes uldece in corp. The present volume reflects in the church with the reflects onto.

Brecht hav far a long time now in the control of popularity that of the twentieth country to the look takes Frentian show how the Anglo-Saxon world which accompanied discussion of Brecht's most player are felt to full in their neveral affect of the way in which it church that is taken uldece in course in the course of the way in which it church and the reflects onto.

Brecht hav far a sessentiant of the way in which it church and the reflects onto.

Brecht we far a long time number of the way in which it can be a product that the present volume reflects onto the course of the way in which it church and distinct and the product of the way in which it church and the product of the way in which it church and the product of the way in which it church and the product of the way in which it is proved to the product of the way in which it is proved to the product of the way in which it is proved to the product of the way in which it is proved to the product of the way in which it is proved to the product of the way in which it is proved to t

of Brecht's influence an assessment of the English speaking theetre. Yet what would at first sight appear to be a more in the effectiveness of isolated scholerly and less popularizing approach, indicativa of 0 wider and deoper interest in Brecht, has in foct resulted in e kind of false emphasis Willet was never guiding of his aims and too little appreciation of his achieve in Germany before Brecht is undoubtedly interesting but Brecht did not grow out of any such movement (no was decidedly unappullical in his earliest plays), and the true scope of his work le lessened by being presented exalts the context of nature with the context of the context of nature with the context of the work leads of the context of nature with the context of the with the sexual distance and content is subject to once, the psychoanalytic reading of novels mences for common ground between the novelist and the novels and the novels and the novel is subject to the indicative and the sexual distance of population of the context of nature with the context of na

This false emphasis is malnained by referring in Brecht's Lehrstlicke—his didactic plays—as propaganda plays, and frequently familing his later work because it is ant a clear realization of his identical theory. This seems a strange line an take at this late stage in Brecht scholorship, when the gap between lirecht's theory and later practice is a lact sa widely acknowledged.

George Ellat's Creative Conflict: the Other Side of Silence by language Company University of California Press, £8.00 is Brecht has for a long time only

Richard Beckley John Killbom is reader in English t

Feminine, feminist, female

A Literature of Their Own : Itrifish Voucen Novelists from Brontë to tressing
by Claine Shownter
Princeton University Press, £14.20
ISHN 0-691-06318-4

Aiming both to provide a detailed map of "the female literary tradi-don in the English movel" since the mid-directional century and to

hy the possibility of a novel-writing carrent fone major index of the carrent fone major index of the carrier is the prodominance of pseudonymity). Equally the recognition of the appressed nature of the heroine is shown to be limited by the med to insert her into a given social structure.

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work to detailed analysis, 11 does

Menties is keen to show that in the submit of the substontive elements of Parsons has two rather uncondingues in theory, but at the supposed "Ideological" position which it was said to rationalize—a reduce system supportive of American enpirities as and fact that relatively few studies have been devoted either to working out the empirical implications of the theoretical schome that Parsons has developed or ta enalysing the structure of the theory in its own terms, as a general theory of society. For, after all, if Parsons is to be criticized, the starting point should be a test of the validity of the objectives, conceptual structure and propositions of his theory, not his supposed political viewpoint.

This study of Parsons's Social action that which he thought himself to be carrying out, on the whole Menzies sets himself to analyse Parsons fully end positively. It pinpoints the confusions and there are many in Parsans's work to detailed analysis, 11 does

in his the critic in cylesing and their ideas of the control of the problems of the control of t

Another version of pragmatics of the first ready statistical to any other present of the present

Sociobiology

biology: The New Spathesis sparked off yet another round of intense debate about the respective poles of nature and minime in biological information which may concern the forced but a genuinely comprehensive theory of human behaviour. Agoinst this must be weighed the fact that Wikon, and a number of other hilologists, have too readily inferred genetic control of some aspects of human behaviour in the alisence of any hard scientific avidence.

in the alisence of any hard scientific evidence. In The Use and Ahase of Biology, Marshall Sahillus sets out to expose some of the flaws in simplistic biological interpretations of luman behaviour. The introductory passages are conciliatory and prepare the reader for a halanced assessment; but it suon cuerges that Suhlins treats only one aide of the argument ond even appears to dismiss biology of irrelevant to social anthropology. Certainly, he makes no case at all for the "use" of biology, and it is absurd to make statements such as: "Humans do statements such as: "Fluonna do not perpetuate themselves as physical but os social beings." The truth of pho atatter is that humans, like

The standard American sociologist

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The standard American Indeed in some places it may be a little too commonical, and some points would have benefited from exponsion. However, Menzies's exposition is likely to prove very valuable to students, although it is a great pity that the addition is spoilt by a number of typographical errors.

Peter Hamilton

Peter Hamilton

Peter Hamilton

One of the main themes in The Use and Abuse of Biology coucerns the theory of "kin selection", and he call well have economented in the cultural influences which have led many sociologists and social anthropy of all solid provides to the relevance of biology ont-of-hund, it is nalve in the extreme to discuss modern epproaches to the relationship between man's biology and culture in terms of the controst between Herbert Spencer's Social Darwinism and (for instance) the writings of Kurl Morx.

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and will also be expected to take part or each, with several existing and are planned Teachers' Centros. The followill include materials development for the Associateship course and for the Teachers' Centros and it might be possible to become involved in contribution work in schools.

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Chemical

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Youth culture: ean the elite

old hat, but the dualistic model he used may still be useful in analysing scademe today If we realrow the illions. One opposition I would suggest is the polarity being established at modern universities between an elite and a youth culture.

On one side are the members of the university's academic and administrative steff, welded by bureaucretic structures of their nwn bureaucretic structures of their numering and shared class and uccupationel assumptions into a small, permencot and ardiculate ellic. They belong to a prestigious profession and enloy a middle class income end a middle class life stylo besed on house mengages, family life, and

car ownership.

Fucing them ere the students, gathered by bureancratic structures enthered by bureaucratic structures not of their own making and the commonality of their youth and educational ettainment into a large, transient end diffuse group. Thay belong to a social stratum that is frequently decouranted received. frequently designated, receive a minimal income and live a declassé life style based on room rent, inde-pendence from the family, and bliching lifts.

The "clite" group draws lts tastes and values from established Imditions. It is characterized by a primarily rational and analytic men-tal mode; an insistence on docu-mented ergumont; an enophasis on regular hard work; the individual achievement of excellence; and the assumption of certain common replaced reference. Here also is scales of reference. Here also is a belief in the primacy of print, the possession of a personal library,

and a great deal of serious reading. From within this group there appears to be a strong phiralism of attitudes and styles but from with out what is striking about it is it remarkable homogeneity.

The student group books to con-The student group bods to con-cemporary mass entertainment and non-neademic traditions for in-tastes and values. It relies on a nicutal mode which is primarily anti-rational and impressionistic; a respect for inspired guesswork and a disdain for close argument; hours of frenetic activity; the harmonisms integration of the individual with his peers; and on assumption of a broad but shallow scale of refer-ence. There is a vigue McLulianie conviction of the obsolescence of print and the primacy of film and television, the personal LP collec-tion, very little serious reading, and a preference for the Sum or and a preference for the Star the Mirror,

Music to this group means rock concerts, Pink Floyd and Rury Gallagher; to their teachers it means archestral cancerts, Hayda and Bunlez. Agaiost alcuhol and getting thisy occasionally this group opposes dupe and getting staned at virtually any time.

The emergence of this dichotomy in modero universities can be traced to social changes that have teken to social enauges that have texen place over the last two decades. Most of the present students were horn after 1956. They have grown up with commercial television and the consumer boom of the sixtles. They represent the first generation to reach university that has been saturated in consumer values since its corliest days.

Many able young un lunger nize the games that are played in our institutions of higher learning, and this rift between the two cultures can only grow wider. The result can only be a deterioration in the university's effectiveness as transmitter of traditional scholar ship and values, and a growth of frustrution and lack of communica-tion between the hulk of the staff and the mass of the students.

The author is a research student

Why students should judge teachers

considering the teaching function of the university, First, what checks. J. W. O'llagan considers are there on chether in nor this function is being carried on sails. The vexing question of factority? And secunity, whose opinions or clear are taken into how the leaching ability account when it is being assessed?

A university is to all intents and purposes a state-financed institu-tion and, in common with many state-financied services there is no "marker check" on its activities. Quite the contrary, must academic staff, including myself, have effec-tive life tenure and amountain

Besides, until recently the "sucial esteem" attuched to a university degree continued to ensure a high demand for university places, regardless of the quality at he services provided. This was, and is, particularly so to the non-technical subjects. The not result is that there is, la

fact, an effective check on the work of an academic after he or she is granted life tenure tusually by the mid-20s1. It is not surprising, therefore, that some academics are often shootmanish livelyed in financially rewarding musible activities and rullege duties.

Nor is it surprising that shore academics pay scant attention at teaching or, for that matter, research, Even for those with scholarly ambitions, the pursuit of research and publication is much presented not teaching, because of the very high premium placed on the former by promitting. Indeed, what is perhaps surpris-

mid conscientions teachers in Beltish universities at all. The question, though, is how onny and how can notivation for the others in improve the academic services they offer a students be provided?

of university dons

tenure and the provision of amomade increments

A less extreme lan, nevertheless, helpful submion would be to make promotion as much dependent, if not more so, on teaching performance as on research and to abolish automate increments. By reaching is tream ind only lecture dolivery but the whole range of neademic services offered to a student wheo Jaking a course.

toke more necount of a staff member's reaching performance they must, of course, have some method of assessing it. One of assessing it. If promotions committees are to of assessing it. One often hears departmental hearls claim that they departmental bends claim that they can and do provide the Information required by either personally attending lectures/sendmars and/ur by relying on the "grapevine", meaning informal chars with students, usually unknown to the lecturer concerned.

However, is the head of a department the puly or, indeed the box

ment the nuly or, indeed, the best judge of the teaching services pro-vided by a staff member, and why rely on what is very often a totally unrepresentative set of upinions

can motivation for the others in improve the scalenic services they offer to students be provided?

An extreme solution would be to radically after the whole system of financing universities, which in time would almost certainly terminate both the granting of carly life of any one student or group of

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Private cultiple requires
Urgoody GRAIUIATE 11:AL'HLIB to give part-lines
courses in HISTORY. LTHATTARE/SICARISPICARE: Sop-

amients should not be taken as representative of all student views. Seen in the above light, the case for a comprehensive student realma-tion of staff teaching cervices is powerful linleed. By means of a questionnaire response, every student—this is ritally important in large classes—would have a chance anonymously to express a view on a wide variety of issues relating to each course, should be or she wish. Topics could range from administrative but proportionly.

tive, but nevertheless important, details, to innre fundamental issues. The results derived from such a questionnaire would be of valoo not only to promotions committees, but also to the individual mass member and to hearts of departments in placing staff. And a well-structured assessment scheme

well-structured assessment scheme of this nature applied in all courses would provide a file of information which "rising" students could henefit considerably from wheo deciding on course options.

There are, of course, inherent deficiencies and dangers he this system, just as there are in the methods used to assess students. A hadly designed questionnaire, like a badly designed commination paper, will give misloading and/or meaningless results.

The "success" of a course will be influented by the numbers taking it, and by whether it is compulsory ur not, just es some students will perform hetter in small rather than large groups,

Stude of ossessment of stell, usin the type of method mentioned above, could be as reliable and valid as the methods already used by staff in assess students, academic abilities. Will British universities comprehensively endorse a plan to introduce student evaluation of teaching services? If not, is the guvernment sufficiently aware of the deed for such massessment to apply strong "noral" or even financial pressure?

The nathor is lecturer in economics at Trinity Cullege, Dublin.

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